

经济管理学院

School of Economic and Management



经济学专业培养方案

一、专业培养目标

本专业面向社会经济发展需求，适应中国现代化建设的需要，以应用经济学为主，兼有理论经济学属性，重点立足应用经济学学科知识体系，结合中国地质大学的学科优势，强化资源环境经济与金融两个特色方向，培养具有扎实的经济学专业基础知识和基本理论，掌握现代经济学的基本方法，具有国际视野的综合素质高、创新能力强，能在综合经济管理部门、政策研究部门、金融机构和企业从事经济分析、投资、理财和经济管理工作的经济领域复合型人才。

二、毕业要求

毕业生应获得以下几个方面的知识和能力：

- (1) 掌握经济学的基本知识和基本理论。
- (2) 掌握经济学分析方法，并能运用到资源环境经济与金融等领域。
- (3) 具备运用经济学知识分析、解决经济问题的综合能力。
- (4) 了解经济学的理论前沿与发展动态。

三、主干学科

应用经济学。

四、学制与学位

学制四年。学生修满规定的最低毕业学分，达到毕业要求后，授予经济学学士学位。

五、核心课程

专业核心课程：政治经济学、微观经济学、宏观经济学、金融学、财政学、计量经济学、经济学思想史、经济史、资本论选读、当代中国经济、矿产品国际贸易、资源环境经济学、保险学、国际金融管理等。

实践课程：计量经济学实验、证券投资实务、教学实习、专业实习、毕业论文。

Undergraduate Program in Economics

1. Academic Objectives

Economics is a social science that deals with the allocation of limited resources within and across firms, households, and other decision-making units. It also deals with economic phenomena, economic behavior, rule of economic activity and economic operational mechanism. Economics is specialized in two parts which are theoretical economics and applied economics. Economics department is mainly research on applied economics which is combined with environmental economics and financial application. Understanding the method of economic analysis, economics of resources and environment, as well as knowledge of finance are demanded to students with the development of social economy. Professional training goals:

The students will learn courses based on Marxist Political Economics theory, familiarize with the modern western economics and its analysis methods, basic theory and knowledge of trading and finance, and resources environmental economics, in order to train advanced specialist in department of economics and management, department of policy research, trading corporations, financial institutions and any enterprises by doing business of economic analysis, investment, financing, trading, programming and economic and management. Moral education goal: The students should keep our school motto as their code of conduct, love our country, support the leadership of Chinese Communist Party, abide by laws and disciplines, work hard and live simply, be realistic, cooperative and dedicated to their work.

2. Graduation Requirements

Professional training requirements: The students who major in Economics should master the basic economic theory and theories on finance, trading, investment, and resources environment. Learn related academic trends and country's economic policies and regulations. By econometric and modern technology, the students need possess the abilities of economic analysis, forecasting and practical operation in trading, investment and financing area. Then, the students are able to have a good communication skill both written and oral and master a foreign language. The graduates should grasp the following knowledge and skills during the studies.

- (1) Master the basic knowledge, theory and analysis method of economics.
- (2) Master modern economic analysis method and apply in different aspects as investment, financing and resource environment.
- (3) Possess the basic skill of banking, investment, securities and trading.
- (4) Understand the theory front and development of the course.

Physical training requirements: The students possess healthy in physically and mentally and basic knowledge of military and obtain the basic skills of exercises and health habit to reach the standard of physical education and military training of the country, in order to fulfill an obligation to construct and defend our motherland.

3. Main disciplines

Applied Economics.

4. Length of Schooling and Degree

The length of schooling is four years of full-time study. Students will be awarded the Bachelor Degree of Economics when they have completed the required minimum credits and have met all other requirements.

5. Core Courses

Core Courses of the Economics: Intermediate microeconomics, Intermediate Macroeconomics, Finance, Public Finance, Econometrics, The evolution of economic thought, Economic History, Introduction to Das Kapital, Contemporary Chinese economy, International Trade of Mineral Products, Resources and Environmental Economics, Insurance, International Financial Management, Frontier of Economics.

Practice Courses: Econometric experiment, Securities Investment Practice, Teaching Practice, Professional Practice, Graduation Thesis.

六、最低毕业总学分要求及学分配 (Minimum Required Credits and Distribution)

课程模块 Course module	课程类别 Course Classification	学时数 Hours	学分 Credits	学 期 Semester										
				1	2	1 夏	3	4	2 夏	5	6	3 夏	7	8
通识教育 Liberal Education	通识教育必修课程 Required Courses of General Education	730	41	11.25	13.25	1	4.25	5.25		3.25	1.25		0.25	0.25
	通识教育选修课程 Selective Courses of General Education	192	12											
专业教育 Professional Education	学科基础课程 Disciplinary Fundamental Courses	800	50	10	14		17	6		3				
	专业核心课程 Specialized Fundamental Courses	288	18				4			8	6			
	专业拓展课程 Specialized Development	176	11											
实践教育 Practical Education	课程实践 Course Practice	24 周 +64 学时	20			2		1	4		3	6		5
	课外实践 Extracurricular practice		6											
必修课总学分 Required course credits				129										
选修课总学分 Elective course credits				29										
最低毕业总学分 Total Credits				158										

七、课程设置 (Curriculum)

1、通识教育必修课程 (Required Courses of General Education): 730 学时 (730 Hours), 41 学分 (41 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
GR181009	思想道德与法治 Ideological Morality and Rule of Law	48	3	40	8		考试 Exam	1	
GR181008	中国近现代史纲要 Essentials of Modern Chinese History	48	3	40	8		考试 Exam	2	
GR182014	马克思主义基本原理 Fundamental Principles of Marxism	48	3	40	8		考试 Exam	3	
GR182024	毛泽东思想和中国特色社会主义理论体系概论 Introduction to Mao Zedong Thoughts and Theoretical System of the Chinese Characteristic Socialism	32	2	32			考试 Exam	4	
GR182022	习近平新时代中国特色社会主义思想概论 Introduction to Xi Jinping Thoughts on Socialism with Chinese Characteristics in the New Era	48	3	48	0		考试 Exam	5	
GR181013	形势与政策 (1) Situation and Policy(1)	4	0.25	4			考查 Term Paper	1	
GR181014	形势与政策 (2) Situation and Policy(2)	4	0.25	4			考查 Term Paper	2	
GR181015	形势与政策 (3) Situation and Policy(3)	4	0.25	4			考查 Term Paper	3	
GR181016	形势与政策 (4) Situation and Policy(4)	4	0.25	4			考查 Term Paper	4	
GR181017	形势与政策 (5) Situation and Policy(5)	4	0.25	4			考查 Term Paper	5	
GR181018	形势与政策 (6) Situation and Policy(6)	4	0.25	4			考查 Term Paper	6	
GR181019	形势与政策 (7) Situation and Policy(7)	4	0.25	4			考查 Term Paper	7	
GR181020	形势与政策 (8) Situation and Policy(8)	4	0.25	4			考查 Term Paper	8	
GR301004	大学生职业生涯规划与就业指导 (1) Career Planning and Employment Guidance for University Students (1)	20	1	16	4		考试 Exam	2	

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
GR303005	大学生职业生涯规划与就业指导 (2) Career Planning and Employment Guidance for University Students (2)	18	1	12	6		考试 Exam	6	
GR301005	大学生心理素质教育 (1) Mental Health (1)	16	1	16			考查 Term Paper	1	
GR303005	大学生心理素质教育 (2) Mental Health (2)	16	1	16			考查 Term Paper	5	
GR301024	劳动教育与双创实践(1)Labor Education and Innovation and Entrepreneurship Practice(1)	16	1	16			考查 Term Paper	2	
GR303025	劳动教育与双创实践(2)Labor Education and Innovation and Entrepreneurship Practice(2)	16	1	16			考查 Term Paper	6	
GR302008	军事理论 Military Theory	36	1	36			考试 Exam	1	
GR081071	大学英语 (1) College English (1)	64	4	64			考试 Exam	1	
GR081072	大学英语 (2) College English (2)	32	2	32			考试 Exam	2	
GR081067	大学英语素质拓展课 Competence-oriented Education for College English	32	2	32			考试 Exam	2	
GR141005	体育 (1) (系列课程) Physical Education (1)	32	1		32		考试 Exam	1	
GR141006	体育 (2) (系列课程) Physical Education (2)	32	1		32		考试 Exam	2	
GR142007	体育 (3) (系列课程) Physical Education (3)	32	1		32		考试 Exam	3	
GR142008	体育 (4) (系列课程) Physical Education (4)	32	1		32		考试 Exam	4	
GR041001	大学计算机 College Computer	32	2	16	16		考试 Exam	1	
GR041003	程序设计基础 A Fundamentals of Programming A	64	4	24	24	16	考试 Exam	2	

总计 Total		730	41	492	222	16			
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2、通识教育选修 (Selective Courses of General Education): 192 学时 (192Hours), 12 学分 (12 Credits)

序号 No.	课程类别 Courses Classification	课程名称 Courses Name	学分 Credits	考核方式 Assessment	开课学期 Semester	备注 Notes
1	人文社科类（含在线课程） Humanities and Social Sciences Courses (Inc. Online courses)	见附件 1	7	考查 Term Paper	2-8	4 个类别中选修7 个学分，其中，《大学生安全教育》（1 学分）必选。
2	自然科学类（含在线课程） Natural Science Courses (Inc. Online Courses)	见附件 2		考查 Term Paper	2-8	
3	自然文化类 Natural Culture Courses	见附件 3		考查 Term Paper	2-8	
4	体育与健康类 Sports and Health Courses	见附件 4		考查 Term Paper	5-8	
5	创新创业教育类（含在线课程） Innovation and Entrepreneurship Courses (Inc. Online Courses)	见附件 5-6	3	考查 Term Paper	2-8	选修 3 个学分，其中《新生研讨课》（1 学分）必选。
6	审美与艺术类 Aesthetics and Art Courses	见附件 7	2	考查 Term Paper	2-4	
总计 Total			12			

3、学科基础课程 (Disciplinary Fundamental Courses): 800 学时 (800 Hours), 50 学分 (50 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
DR191001	高等数学 A (1) Advanced Mathematics A (1)	96	6	96			考试 Exam	1	
DR191002	高等数学 A (2) Advanced Mathematics A (2)	96	6	96			考试 Exam	2	
DR192005	线性代数 Linear Algebra	32	2	32			考试 Exam	3	
DR192006	概率论与数理统计 Probability and Mathematics Statistic	48	3	48			考试 Exam	3	
DR071157	管理学 Management	48	3	48			考试 Exam	1	
DR071057	经济学原理 Principles of Economics	48	3	48			考试 Exam	2	
DR071164	会计学 Accounting	48	3	32			考试 Exam	2	
DR071201	信息检索与数据分析 Information Retrieval & data analysis	32	2	16	16		考查 Term Paper	2	
DR070042	经济管理专业导论 Introduction to economic management	16	1	16			考查 Term paper	1	
DR072058	统计学 A Statistics A	48	3	36	12		考试 Exam	3	
DR072200	微观经济学 Microeconomics	48	3	48			考试 Exam	3	
DR072152	政治经济学 Political Economics	48	3	48			考试 Exam	3	
DR072201	宏观经济学 Macroeconomics	48	3	48			考试 Exam	4	
DR072202	金融学 A Finance A	48	3	48			考试 Exam	3	
DR072062	财政学 Public Finance	48	3	44	4		考试 Exam	4	

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
DR073063	计量经济学 A Econometrics A	48	3	40	8		考试 Exam	5	
总计 Total		800	50	760	24				

4、专业核心课程 (Specialized Core Courses): 288 学时 (288 Hours), 18 学分 (18 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
SR072177	矿产品国际贸易 International Trade of Mineral Products	32	2	32			考试 Exam	3	必修
SR072067	经济学专业英语 English for Economics	32	2	32			考试 Exam	3	必修
SR072188	经济思想史 The evolution of economic thought	32	2	32			考试 Exam	5	必修
SR073075	资源环境经济学 Resources and Environmental Economics	32	2	26	6		考试 Exam	5	必修
SR073189	经济史 Economic History	32	2	32			考试 Exam	5	必修
SR073190	资本论选读 Introduction to Das Kapital	32	2	32			考试 Exam	5	必修
SR073191	当代中国经济 Contemporary Chinese Economy	32	2	32			考试 Exam	6	必修
SR073202	国际金融管理 International Finance Management	32	2	32			考试 Exam	6	必修 双语教学
SR073076	保险学 Insurance	32	2	32			考试 Exam	6	必修
总计 Total		288	18	282	6				

464 5、专业拓展课程 (Specialized Development Courses): 320 学时 (320 Hours), 20 学分 (20 Credits), 学生选修 6 门, 11 学分

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
DR071129	公共关系 Public Relation	32	2	32			考试 Exam	4	选修
DR072064	博弈论与信息经济学 Game Theory and Information Economics	32	2	32			考试 Exam	3	选修
SR072068	国际经贸地理 International Geography for Economics and Trade	32	2	32			考试 Exam	5	选修
SR072066	证券投资理论与实务 Securities Investment	32	2	32			考试 Exam	3	选修
SS072203	经 济 法 B Economic Law B	32	2	32			考试 Exam	4	选修
SR072193	投资与理财 Investment and Finance	32	2	32			考试 Exam	4	选修
SR073069	能源经济学 Energy Economics	32	2	32			考试 Exam	5	选修
SS073204	产业经济学 Industrial Economics	32	2	28	4		考试 Exam	5	选修
SR073195	区域经济学 Regional Economics	32	2	32			考试 Exam	6	选修
SS070096	学科前沿课 - 生态经济前沿 Discipline Frontiers-Frontier of Ecological Economy	16	1	16			考查 Term Paper	5	必选 (二选 一)
SS070097	学科前沿课 - 商业银行经营与创新 Discipline Frontiers-Modern Banking Business and Innovation	16	1	16			考查 Term Paper	5	
总计 Total		320	20	316	4				

6、课程实践 (Course Practice): 24 周 +64 学时 (24 weeks and 64 hours), 20 学分 (20 Credits)

课程代码 Course Code	课程名称 Course Name	周数 (学时) Week(hour)	学分 Credits	考核方式 Assessment	开课学期 Semester	备注 Notes
PR31103	军事技能训练 Military Theory and Practice	2 周	1	考查 Term Paper	1	
PR181010	思想政治社会实践 Political Social Practice	32	2	考试 Exam.	6	
PR073205	计量经济学实验 Econometric Experiment	16	1	考试 Exam.	6	
PR072196	证券投资实务 Securities Investment Practice	16	1	考试 Exam.	4	
PR072079	教学实习 Teaching Practice	4 周	4	考查 Term Paper	2 夏	
PR073080	专业实习 Professional Practice	6 周	6	考查 Term Paper	3 夏	
PR074081	毕业论文 Graduation Thesis	12 周	5	考查 Term Paper	8	
总计 Total		24 周 +64 学时	20			

7、课外实践 (Extracurricular practice): 6 学分 (6 Credits)

包括主题教育活动、社会实践、志愿服务、勤工助学、学科竞赛、文体活动、创新创业活动、劳动实践等, 其学分的认定按照教务处相关规定执行。

Extracurricular practice include Theme Education, Social Practice, Volunteer Service, Work-study Program, Discipline Competition, Cultural and Sports Activities, Innovative and Entrepreneurial Activities, Labor Practice and so on. The recognition of the credits for extracurricular practice shall be implemented according to the regulations of Academic Affairs Office.

法学专业培养方案

一、专业培养目标

本专业坚持立德树人、德法兼修，培养德才兼备，具有扎实的专业理论基础和熟练的职业技能、合理的知识结构，具备依法执政、科学立法、依法行政、公正司法、高效高质量法律服务能力与创新创业能力，熟悉和坚持中国特色社会主义法治体系的复合型、应用型、创新型法治人才。我校法学根据社会需求，结合学校地学优势和特色，开设了地学类和矿法类课程，培养既懂法又懂矿的复合型人才，以适应法律职业专业化分工的需要。

二、毕业要求

本专业学生通过系统学习法学和有关地学的基本理论和基础知识，接受法学思维和法律实务的训练，应达到下列要求：

- (1) 热爱社会主义祖国，拥护中国共产党的领导，掌握中国特色社会主义理论体系，牢固树立正确的世界观、人生观、价值观。
- (2) 掌握法学类专业的思维方法和研究方法，具备良好的人文素养和科学素养。
- (3) 具备扎实、系统的法学专业知识和相关的地学知识，具有较好的外语基础和较高的计算机水平。
- (4) 具备获取知识的能力、应用知识的能力、实践能力和创新能力。能检索中外文法学和法律文献；能运用所学法律知识和法学思维，发现、分析和解决实际问题；具备利用创造性思维方法开展科学研究工作和创新创业实践的能力。

三、主干学科

法学。

四、学制与学位

学制四年。学生修满规定的最低毕业学分，达到毕业要求后，授予法学学士学位。

五、核心课程

专业核心课程：习近平法治思想概论、刑法、民法、刑事诉讼法、民事诉讼法、行政法与行政诉讼法、国际法、国际私法、国际经济法、商法学、知识产权法、劳动与社会保障法和证据法学。

实践课程：教学实习、专业实习、模拟法庭、法律诊所、毕业实习等。

Undergraduate Program in Law

1. Academic Objectives

Our major insists on cultivating people by virtue and integration of law and virtue, cultivates applied and multi-disciplinary talents with both ability and political integrity, who have solid professional theoretical foundation and skilled professional expertise, who are capable of exercising power based on the rule of law, scientifically making laws, impartially administering justice and providing effective and high-quality legal service, who are also familiar with and insisting on the socialist system of laws with Chinese characteristics. As to the teaching contents, we offer traditional law courses as well as geosciences courses and mineral law courses by combining the demand of the society with our university's features.

2. Graduation Requirements

Students should meet the following requirements of knowledge, ability and quality through the study of basic theory and knowledge of law science, and after receiving the training of legal reasoning and legal practice.

(1) Love our socialist motherland, adhere to the leadership of the Communist Party of China, master the socialist system of theory with Chinese characteristics, and firmly establish correct outlook on the world, life and value.

(2) Master professional legal reasoning and research, have good humanistic and scientific literacy.

(3) Have solid professional knowledge of law science as well as the related geosciences courses, be in good command of English and computer.

(4) Have the ability to acquire knowledge, the ability to apply knowledge, the ability to practice law as well as the ability to innovate. Be capable of searching law science literature both in Chinese and English, be capable of finding, analyzing and solving realistic problems by using the legal knowledge and reasoning, and have entrepreneurial thinking and exploration ability.

3. Main disciplines

Law.

4. Length of Schooling and Degree

The length of schooling is four years of full-time study. Students will be awarded the Bachelor Degree of Law when they have completed the required minimum credits and have met all other requirements.

5. Core Courses

Core courses: introduction to Xi Jinping's thought of rule of law, criminal law, civil law, criminal procedure law, civil procedure law, administrative law and administrative procedure law, international law, ethics of legal profession, international private law, international economic law, commercial law, intellectual property law, labor and social security law and evidence law.

Practice courses: teaching practice, professional practice, moot court, legal clinic and graduation practice.

六、最低毕业总学分要求及学分分配 (Minimum Required Credits and Distribution)

课程模块 Course module	课程类别 Course Classification	学时数 Hours	学分 Credits	学 期 Semester										
				1	2	1 夏	3	4	2 夏	5	6	3 夏	7	8
通识教育 Liberal Education	通识教育必修课程 Required Courses of General Education	666	37	11.25	9.25	1	4.25	5.25		3.25	1.25		0.25	0.25
	通识教育选修课程 Selective Courses of General Education	192	12											
专业教育 Professional Education	学科基础课程 Disciplinary Fundamental Courses	304	19	6	7			2			4			
	专业核心课程 Specialized Fundamental Courses	656	41	5			6	12		13	5			
	专业拓展课程 Specialized Development	400	25		6		3	5		4	7			
实践教育 Practical Education	课程实践 Course Practice	24 周 +128 学时	24			3	2		4	3	3	6		5
	课外实践 Extracurricular practice		6											
必修课总学分 Required course credits				121										
选修课总学分 Elective course credits				43										
最低毕业总学分 Total Credits				164										

七、课程设置 (Curriculum)

1、通识教育必修课程 (Required Courses of General Education): 666 学时 (666 Hours), 37 学分 (37 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
GR181009	思想道德与法治 Ideological Morality and Rule of Law	48	3	40	8		考试 Exam	1	
GR181008	中国近现代史纲要 Essentials of Modern Chinese History	48	3	40	8		考试 Exam	2	
GR182014	马克思主义基本原理 Fundamental Principles of Marxism	48	3	40	8		考试 Exam	3	
GR182024	毛泽东思想和中国特色社会主义理论体系概论 Introduction to Mao Zedong Thoughts and Theoretical System of the Chinese Characteristic Socialism	32	2	32			考试 Exam	4	
GR182022	习近平新时代中国特色社会主义思想概论 Introduction to Xi Jinping Thoughts on Socialism with Chinese Characteristics in the New Era	48	2	48			考试 Exam	5	
GR181013	形势与政策 (1) Situation and Policy(1)	4	0.25	4			考查 Term Paper	1	
GR181014	形势与政策 (2) Situation and Policy(2)	4	0.25	4			考查 Term Paper	2	
GR181015	形势与政策 (3) Situation and Policy(3)	4	0.25	4			考查 Term Paper	3	
GR181016	形势与政策 (4) Situation and Policy(4)	4	0.25	4			考查 Term Paper	4	
GR181017	形势与政策 (5) Situation and Policy(5)	4	0.25	4			考查 Term Paper	5	
GR181018	形势与政策 (6) Situation and Policy(6)	4	0.25	4			考查 Term Paper	6	
GR181019	形势与政策 (7) Situation and Policy(7)	4	0.25	4			考查 Term Paper	7	
GR181020	形势与政策 (8) Situation and Policy(8)	4	0.25	4			考查 Term Paper	8	
GR301004	大学生职业生涯规划与就业指导 (1) Career Planning and Employment Guidance for University Students (1)	20	1	16	4		考试 Exam	2	

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
GR303005	大学生职业生涯规划与就业指导 (2) Career Planning and Employment Guidance for University Students (2)	18	1	12	6		考试 Exam	6	
GR301005	大学生心理素质教育 (1) Mental Health (1)	16	1	16			考查 Term Paper	1	
GR303006	大学生心理素质教育 (2) Mental Health (2)	16	1	16			考查 Term Paper	5	
GR301024	劳动教育与双创实践(1)Labor Education and Innovation and Entrepreneurship Practice(1)	16	1	16			考查 Term Paper	2	
GR303025	劳动教育与双创实践(2)Labor Education and Innovation and Entrepreneurship Practice(2)	16	1	16			考查 Term Paper	6	
GR302008	军事理论 Military Theory	36	1	36			考试 Exam	1	
GR081071	大学英语 (1) College English (1)	64	4	64			考试 Exam	1	
GR081072	大学英语 (2) College English (2)	32	2	32			考试 Exam	2	
GR081067	大学英语素质拓展课 Competence-oriented Education for College English	32	2	32			考试 Exam	2	
GR141005	体育 (1) (系列课程) Physical Education (1)	32	1		32		考试 Exam	1	
GR141006	体育 (2) (系列课程) Physical Education (2)	32	1		32		考试 Exam	2	
GR142007	体育 (3) (系列课程) Physical Education (3)	32	1		32		考试 Exam	3	
GR142008	体育 (4) (系列课程) Physical Education (4)	32	1		32		考试 Exam	4	
GR041001	大学计算机 College Computer	32	2	16	16		考试 Exam	1	

总计 Total		666	37	468	198	16			
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2、通识教育选修 (Selective Courses of General Education): 192 学时 (192Hours), 12 学分 (12 Credits)

序号 No.	课程类别 Courses Classification	课程名称 Courses Name	学分 Credits	考核方式 Assessment	开课学期 Semester	备注 Notes
1	人文社科类（含在线课程） Humanities and Social Sciences Courses (Inc. Online courses)	见附件 1	7	考查 Term Paper	2-8	4 个类别中选修7 个学分，其中，《大学生安全教育》（1 学分）必选。
2	自然科学类（含在线课程） Natural Science Courses (Inc. Online Courses)	见附件 2		考查 Term Paper	2-8	
3	自然文化类 Natural Culture Courses	见附件 3		考查 Term Paper	2-8	
4	体育与健康类 Sports and Health Courses	见附件 4		考查 Term Paper	5-8	
5	创新创业教育类（含在线课程） Innovation and Entrepreneurship Courses (Inc. Online Courses)	见附件 5-6	3	考查 Term Paper	2-8	选修 3 个学分，其中《新生研讨课》（1 学分）必选。
6	审美与艺术类 Aesthetics and Art Courses	见附件 7	2	考查 Term Paper	2-4	
总计 Total			12			

3、学科基础课程 (Disciplinary Fundamental Courses): 304 学时 (304 Hours), 19 学分 (19 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
DR071201	信息检索与数据分析 Information Retrieval & data analysis	32	2	16	16		考查 Term Paper	2	
DR070024	法学专业导论 Introduction to Law	16	1	16			考查 Term Paper	1	
DR071004	法理学 Jurisprudence	48	3	48			考试 Exam	1	
DR071005	宪法学 Constitutional Law	32	2	32			考试 Exam	1	
DR071007	中国法制史 Chinese Legal History	32	2	32			考试 Exam	2	
DR073072	法律职业伦理 Ethics of Legal Profession	32	2	32			考试 Exam	6	
DR072010	法学专业英语 Legal English	32	2	32			考试 Exam	4	
DR071057	经济学原理 Principles of Economics	48	3	48			考试 Exam	2	
DR073206	法律文书写作 Legal Writing	32	2	32			考试 Exam	6	
总计 Total		304	19	304					

4、专业核心课程 (Specialized Core Courses): 656 学时 (656 Hours), 41 学分 (41 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
SR071207	习近平法治思想概论 Introduction to Xi Jinping's Thought of Rule of Law	32	2	32			考查 Term Paper	1	
DR071006	民法学总论 Civil Law (General Theory)	48	3	44	4		考试 Exam	1	
DR072008	刑法学总论 Criminal Law (General Theory)	48	3	48			考试 Exam	3	
DR072011	刑法学分论 Criminal Law (Specific Provisions)	48	3	48			考试 Exam	4	
DR072012	民事诉讼法 Civil Procedure Law	48	3	42	6		考试 Exam	4	
DR072013	刑事诉讼法 Criminal Procedure Law	48	3	42	6		考试 Exam	4	
DR073149	行政法与行政诉讼法 Administrative Law and Administrative Procedure Law	48	3	48			考试 Exam	5	
DR073019	国际法 International Law	32	2	32			考试 Exam	5	
SR073208	经济法 A Economic Law A	48	3	48			考试 Exam	5	
SR072021	知识产权法 Intellectual Property Law	48	3	48			考试 Exam	3	
SR072209	商法学 Commercial Law	48	3	48			考试 Exam	4	
DR073016	国际私法 International Private Law	48	3	48			考试 Exam	5	
SR073026	国际经济法 International Economic Law	48	3	48			考试 Exam	6	
SR073027	劳动与社会保障法 Labor and Social Security Law	32	2	32			考试 Exam	6	
DR073014	证据法学 Evidence Law	32	2	32			考试 Exam	5	
总计 Total		656	41	640	16				

5、专业拓展课程 (Specialized Development Courses) : 400学时 (400 Hours), 25 学分 (25 Credits)

课程代码 Course Code	课程名称 Course Name	总学 时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
SS071210	物权法 Real Right Law	32	2	32			考试 Exam	2	
SS072211	债法 Obligation Law	48	3	48			考试 Exam	3	
DR073018	婚姻与继承法 Marriage and Succession Law	32	2	32			考试 Exam	5	
SR072023	保险法 Insurance Law	32	2	32			考试 Exam	4	
SR073028	环境与自然资源保护法 Environmental and Resources Law	32	2	28	4		考试 Exam	6	
SR074029	土地法 Land Law	32	2	32			考试 Exam	6	
SR074030	矿产资源法 Mineral Resources Law	32	2	32			考试 Exam	6	
DR011036	地球科学概论	64	4	32	32		考试 Exam	2	
DR012129	矿产勘查学 A Introduction to Mineral Exploration	48	3	48			考试 Exam	4	
DR071131	矿产资源经济学 Mineral Resources Economics	32	2	32			考查 Term Paper	5	
SS070052	矿业权交易法律实务前沿 Mining Right Trade Law Frontiers	16	1	10	6		考查 Term Paper	6	
总计 Total		400	25	358	42				

6、课程实践 (Course Practice): 24 周 +128 学时 (24 weeks and 128 hours), 24学分 (24 Credits)

课程代码 Course Code	课程名称 Course Name	周数 (学时) Week(hour)	学分 Credits	考核方式 Assessment	开课学期 Semester	备注 Notes
PR181010	思想政治社会实践 Political Social Practice	32 学时	2	考查 Term Paper	1 夏	
PR311003	军事技能训练 Military Theory and Practice	2 周	1	考查 Term Paper	1	
PR072033	教学实习 Teaching Practice	4 周	4	考查 Term Paper	2 夏	
PR073034	专业实习 Professional Practice	6 周	6	考查 Term Paper	3 夏	
PR073032	模拟法庭 Moot Court	48 学时	3	考查 Term Paper	5	
PR073031	法律诊所 Legal Clinic	48 学时	3	考查 Term Paper	6	
PR074035	毕业论文 Graduation Thesis	12 周	5	考查 Term Paper	8	
总计 Total		24 周 128 学时	24			

7、课外实践 (Extracurricular practice): 6 学分 (6 Credits)

包括主题教育活动、社会实践、志愿服务、勤工助学、学科竞赛、文体活动、创新创业活动、劳动实践等, 其学分的认定按照教务处相关规定执行。

Extracurricular practice include Theme Education, Social Practice, Volunteer Service, Work-study Program, Discipline Competition, Cultural and Sports Activities, Innovative and Entrepreneurial Activities, Labor Practice and so on. The recognition of the credits for extracurricular practice shall be implemented according to the regulations of Academic Affairs Office.

法学专业培养方案（辅修学士学位）

一、专业简介

随着我国社会主义市场经济和法制建设的发展，社会对复合型人才的需求不断增加，本专业培养既有扎实的主修专业知识及才能，又有法学专业知识及技能的复合型人才。学生学习的课程有法学专业基础课和专业主干课，其中主干课程有：习近平法治思想概论、法理学、民法学、刑法学、刑事诉讼法学、民事诉讼法学、行政法与行政诉讼法学、经济法学、国际经济法等。

二、培养目标

本专业坚持立德树人、德法兼修，培养德才兼备，具有扎实的专业理论基础和熟练的职业技能、合理的知识结构，具备依法执政、科学立法、依法行政、公正司法、高效高质量法律服务能力与创新创业能力，熟悉和坚持中国特色社会主义法治体系的复合型、应用型、创新型法治人才。

三、培养要求

本专业学生通过系统学习法学基本理论和基础知识，接受法学思维和法律实务的训练，应达到下列要求：

- （1）热爱社会主义祖国，拥护中国共产党的领导，掌握中国特色社会主义理论体系，牢固树立正确的世界观、人生观、价值观。
- （2）掌握法学类专业的思维方法和研究方法，具备良好的人文素养和科学素养。
- （3）具备扎实、系统的法学专业知识，具有较好的外语基础和较高的计算机水平。
- （4）具备获取知识的能力、应用知识的能力、实践能力和创新能力。能检索中外文法学和法律文献；能运用所学法律知识和法学思维，发现、分析和解决实际问题；具备利用创造性思维方法开展科学研究工作和创新创业实践的能力。

四、学制与学位

双学士学位专业的课程学习与主修专业的学习同时进行，学生可延长一年学制。学生须修满规定学分和学时，并通过法学学位论文答辩，方可获得法学专业（辅修学士学位）。

五、学分要求

学生须修满 47 个学分。

Undergraduate Program in Law (Minor Bachelor's Degree)

1. Major Introduction

With the development of our country's socialist market economy and law system construction, the demand of the society for the inter-disciplinary talents is increasing. The program is to train the inter-disciplinary talents who possess solid major knowledge and skills and at the same time possess knowledge and skills of law science. The students will study specialized fundamental courses, specialized core courses, and the main courses include introduction to Xi Jinping's thought of rule of law, jurisprudence, civil law, criminal law, criminal procedure law, civil procedure law, administrative and administrative procedure law, economic law and international economic law.

2. Academic Objectives

Our major insists on cultivating people by virtue and integration of law and virtue, cultivates applied and multi-disciplinary talents with both ability and political integrity, who have solid professional theoretical foundation and skilled professional expertise, who are capable of exercising power based on the rule of law, scientifically making laws, impartially administering justice and providing effective and high-quality legal service, who are also familiar with and insisting on the socialist system of laws with Chinese characteristics.

3. Academic Requirement

Students should meet the following requirements of knowledge, ability and quality through the study of basic theory and knowledge of law science, and after receiving the training of legal reasoning and legal practice.

- (1) Love our socialist motherland, adhere to the leadership of the Communist Party of China, master the socialist system of theory with Chinese characteristics, and firmly establish correct outlook on the world, life and value.
- (2) Master professional legal reasoning and research, have good humanistic and scientific literacy.
- (3) Have solid professional knowledge of law science, be in good command of English and computer.
- (4) Have the ability to acquire knowledge, the ability to apply knowledge, the ability to practice law as well as the ability to innovate. Be capable of searching law science literature both in Chinese and English, be capable of finding, analyzing and solving realistic problems by using the legal knowledge and reasoning, and have entrepreneurial thinking and exploration ability.

4. Length of Schooling and Degree

The study of the courses of double degree will be carried out simultaneously with students' major subjects and the schooling period can be prolonged for one year on the request of students. The students will be awarded Minor in Law after they earn the prescribed credits, pass thesis defense and qualified in other aspects.

5. Required Credits

Students shall be required to earn 47 credits in this program.

478 六、课程设置 (Curriculum)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
SR071207	习近平法治思想概论 Introduction to Xi Jinping's Thought of Rule of Law	32	2	32			考查 Term Paper	3	
DR071004	法理学 Jurisprudence	48	3	48			考试 Exam	3	
DR071005	宪法学 Constitutional Law	32	2	32			考试 Exam	3	
DR071007	中国法制史 Chinese Legal History	32	2	32			考试 Exam	4	
DR073072	法律职业伦理 Ethics of Legal Profession	32	2	32			考试 Exam	5	
DR072142	民法学 Civil Law	64	4	64			考试 Exam	3	
DR072143	刑法学 Criminal Law	64	4	64			考试 Exam	4	
SR073208	经济法 A Economic Law A	48	3	48			考试 Exam	4	

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
DR072012	民事诉讼法 Civil Procedure Law	48	3	48			考试 Exam	4	
DR072013	刑事诉讼法 Criminal Procedure Law	48	3	48			考试 Exam	5	
SR073026	国际经济法 International Economic Law	48	3	48			考试 Exam	6	
SR072021	知识产权法 Intellectual Property Law	48	3	48			考试 Exam	5	
DR073019	国际法 International Law	32	2	32			考试 Exam	6	
DR073016	国际私法 International Private Law	48	3	48			考试 Exam	6	
DR073149	行政法与行政诉讼法 Administrative and Administrative Procedure Law	48	3	48			考试 Exam	5	
OR074035	毕业实习及论文（法学） Graduation Intern and Thesis	12 周	5		12 周		考查 Term Paper	8	
总计 Total		12 周 +672 学时	47	672	12 周				

法学专业培养方案（辅修）

一、专业简介

本专业培养既有扎实的主修专业知识及才能，又有法学专业知识及技能的复合型人才。学生学习的课程有法学专业基础课和专业主干课，其中主干课程有：习近平法治思想概论、法理学、民法学、刑法学、刑事訴訟法学、民事訴訟法学、行政法与行政訴訟法学、经济法学等。

二、培养目标

本专业的目标是培养既有扎实的主修专业知识及才能，又有法学专业知识及技能的复合型人才，以增强学生对社会的适应能力，满足知识经济时代对人才的要求。

三、培养要求

本专业毕业生要求具有以下几方面的知识和能力：

- （1）掌握法学的基本理论和基本知识；
- （2）掌握法学的基本分析方法，具有运用法律基础知识分析问题和解决问题的能力；
- （3）熟悉法律知识，具有较强的口头和文字表达能力。

四、学制

辅修专业的课程学习与主修专业的学习同时进行，修读时间不得长于主修专业，不延长学制。

五、学分要求

学生必须修满规定学分和学时，方可获得辅修专业证书。

Undergraduate Programme in Law (Minor)

1. Major Introduction

The aim of law minor courses is to train the inter-disciplinary talents who possess solid major knowledge and skills and at the same time possess knowledge and skills of law science to meet the demand of the knowledge economy for such talents. The students will study specialized fundamental courses, specialized core courses, and the main courses include introduction to Xi Jinping's thought of rule of law, jurisprudence, civil law, criminal law, criminal procedure law, civil procedure law, administrative and administrative procedure law, as well as economic law.

2. Academic Objectives

The aim of the program is to train the inter-disciplinary talents who possess solid major knowledge and skills and at the same time possess knowledge and skills of law science, strengthen students' ability to adapt to society and meet the demand of knowledge economy for talents.

3. Academic Requirement

The students are required to master basic theory and knowledge of law science and be able to analyze and solve problems by using basic knowledge of law science.

4. Length of Schooling

The study of law minor courses will be carried out simultaneously with the major courses and the length of schooling cannot be longer than that of major courses. The length of schooling shall not be extended.

5. Required Credits

The students will be awarded the credentials for the minor courses after they earn the prescribed 33 credits.

六、课程设置 (Curriculum)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
SR071207	习近平法治思想概论 Introduction to Xi Jinping's Thought of Rule of Law	32	2	32			考查 Term Paper	3	
DR071004	法理学 Jurisprudence	48	3	48			考试 Exam	3	
DR071005	宪法学 Constitutional Law	32	2	32			考试 Exam	3	
DR071007	中国法制史 Chinese Legal History	32	2	32			考试 Exam	4	
DR073072	法律职业伦理 Ethics of Legal Profession	32	2	32			考试 Exam	5	
DR072142	民法学 Civil Law	64	4	64			考试 Exam	3	
DR072143	刑法学 Criminal Law	64	4	64			考试 Exam	4	
SR073208	经济法 A Economic Law A	48	3	48			考试 Exam	4	
DR072012	民事诉讼法 Civil Procedure Law	48	3	48			考试 Exam	4	
DR072013	刑事诉讼法 Criminal Procedure Law	48	3	48			考试 Exam	5	
DR073019	国际法 International Law	32	2	32			考试 Exam	6	
DR073149	行政法与行政诉讼法 Administrative and Administrative Procedure Law	48	3	48			考试 Exam	5	
总计 Total		528	33	528					

工商管理专业培养方案

一、专业培养目标

工商管理专业面向现代市场经济和国家经济建设需要，培养德、智、体、美、劳全面发展，具备人文精神、科学素养和诚信品质，掌握现代经济管理理论及管理方法，具有国际化视野、本土情怀、创新意识、团队精神和沟通技能，能够从事管理相关的理论研究和教学工作、在工商企业特别是资源型企业从事相关管理工作的应用型、复合型、创新型专业管理人才。

二、毕业要求

本专业学生主要学习管理学、经济学和工商管理的基本理论与基本知识，接受工商管理方法与技巧方面的基本训练，掌握分析和解决管理问题的基本能力，熟知资源型企业管理需求。工商管理类专业学生的能力结构包括知识获取能力、知识应用能力以及创新创业能力三个方面。

(1) 树立和践行社会主义核心价值观，具有良好的道德品质和身心素养、较强的社会责任感和职业道德；

(2) 系统掌握管理学、经济学的基本原理和现代企业管理的基础理论和基本知识，掌握企业管理的定性、定量分析方法，关注和了解管理理论的发展前沿和资源型企业的管理变化；

(3) 掌握工商企业生产与运作管理、市场营销、财务管理、人力资源管理、战略管理等专业技术知识；了解工商企业国内外发展的现状，熟悉资源行业的国际惯例；

(4) 具有较强的人际沟通能力和语言文字表达能力；

(5) 掌握开展本专业科学研究的基本方法，如文献检索、资料查询等的基本方法，具有一定的科学研究能力和批判性思维；

(6) 熟悉资源型企业的管理特点和运行规则；

(7) 积极参与实践活动以及科技创新活动、自主创业活动。

三、主干学科

管理学。

四、学制与学位

学制四年。学生修满所规定的最低毕业学分，达到培养目标规定的各项要求后，授予管理学学士学位。

五、核心课程

专业核心课程：管理学、经济学原理、会计学、统计学、运筹学、组织行为学、战略管理、运营管理、人力资源管理、市场营销学、财务管理学、智慧物流、企业风险管理、矿产品国际贸易、珠宝商务等。

实践课程：教学实习、专业实习、市场营销模拟、运营管理模拟、人力资源管理模拟、战略管理模拟、经营管理决策模拟、毕业论文等。

Undergraduate Program in Business Management

1. Academic Objectives

Facing the needs of modern market economy and national economic construction, the major of business administration cultivates all-round development of morality, intelligence, sports, beauty and labor, possesses humanistic spirit, scientific literacy and integrity quality, masters modern economic management theory and management methods, and has international vision, local feelings, innovative consciousness, team spirit and communication skills. It is an applied, compound and innovative professional management talent who can engage in theoretical research and teaching work related to management, and engage in relevant management work in industrial and commercial enterprises, especially resource-based enterprises.

2. Graduation Requirements

Students of this major mainly study the basic theories and knowledge of management, economics and business administration, receive basic training in business administration methods and skills, master the basic ability to analyze and solve management problems, and be familiar with the management needs of resource-based enterprises. The ability structure of business administration majors includes knowledge acquisition ability, knowledge application ability and innovation and entrepreneurship ability.

(1) Establish and practice the socialist core values, have good moral quality and physical and mental quality, strong sense of social responsibility and professional ethics;

(2) Systematically master the basic principles of management and economics and the basic theories and knowledge of modern enterprise management, master the qualitative and quantitative analysis methods of enterprise management, pay attention to and understand the development frontier of management theory and the management changes of resource-based enterprises;

(3) Master industrial and commercial enterprise production and operation management, marketing, financial management, human resource management, strategic management and other professional and technical knowledge; Understand the development status of industrial and commercial enterprises at home and abroad, familiar with the international practices of resource industry;

(4) Strong interpersonal communication skills and language skills;

(5) Master the basic methods of scientific research in this major, such as literature retrieval, data inquiry, etc., and have certain scientific research ability and critical thinking;

(6) Familiar with the management characteristics and operation rules of resource-based enterprises;

(7) Actively participate in practical activities, scientific and technological innovation activities and independent entrepreneurship activities.

3. Main disciplines

Management.

4. Length of Schooling and Degree

The length of schooling is four years of full-time study. Students will be awarded the Bachelor Degree of Management when they have completed the required minimum credits and have met all other requirements.

5. Core Courses

Core courses: management, principles of economics, accounting, statistics, operations research, organizational behavior, strategic management, operations management, human resource management,

marketing, financial management, intelligent logistics, enterprise risk management, international trade of mineral products, jewelry business, etc.

Practical courses: teaching practice, professional practice, marketing simulation, operation management simulation, human resource management simulation, strategic management simulation, operation management decision simulation, graduation thesis, etc.

六、最低毕业总学分要求及学分配 (Minimum Required Credits and Distribution)

课程模块 Course module	课程类别 Course Classification	学时数 Hours	学分 Credits	学 期 Semester										
				1	2	1 夏	3	4	2 夏	5	6	3 夏	7	8
通识教育 Liberal Education	通识教育必修课程 Required Courses of General Education	730	41	12.25	15.25		4.25	4.25		2.25	1.25		0.25	0.25
	通识教育选修课程 Selective Courses of General Education	192	12											
专业教育 Professional Education	学科基础课程 Disciplinary Fundamental Courses	672	42	10	14		8	5		3	2			
	专业核心课程 Specialized Fundamental Courses	192	12					2		6	2		2	
	专业拓展课程 Specialized Development	448	28											
实践教育 Practical Education	课程实践 Course Practice		21			2			4	3	3	4	1	5
	课外实践 Extracurricular practice		6											
必修课总学分 Required course credits				116										
选修课总学分 Elective course credits				46										
最低毕业总学分 Total Credits				162										

七、课程设置 (Curriculum)

1、通识教育必修课程 (Required Courses of General Education): 698 学时 (698 Hours), 41 学分 (41 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
GR181009	思想道德与法治 Ideological Morality and Rule of Law	48	3	40	8		考试 Exam	1	
GR181008	中国近现代史纲要 Essentials of Modern Chinese History	48	3	40	8		考试 Exam	2	
GR182014	马克思主义基本原理 Fundamental Principles of Marxism	48	3	40	8		考试 Exam	3	
GR182024	毛泽东思想和中国特色社会主义理论体系概论 Introduction to Mao Zedong Thoughts and Theoretical System of the Chinese Characteristic Socialism	32	2	32			考试 Exam	4	
GR182022	习近平新时代中国特色社会主义思想概论 Introduction to Xi Jinping Thoughts on Socialism with Chinese Characteristics in the New Era	48	3	48	0		考试 Exam	5	
GR181013	形势与政策 (1) Situation and Policy(1)	4	0.25	4			考查 Term Paper	1	
GR181014	形势与政策 (2) Situation and Policy(2)	4	0.25	4			考查 Term Paper	2	
GR181015	形势与政策 (3) Situation and Policy(3)	4	0.25	4			考查 Term Paper	3	
GR181016	形势与政策 (4) Situation and Policy(4)	4	0.25	4			考查 Term Paper	4	
GR181017	形势与政策 (5) Situation and Policy(5)	4	0.25	4			考查 Term Paper	5	
GR181018	形势与政策 (6) Situation and Policy(6)	4	0.25	4			考查 Term Paper	6	
GR181019	形势与政策 (7) Situation and Policy(7)	4	0.25	4			考查 Term Paper	7	
GR181020	形势与政策 (8) Situation and Policy(8)	4	0.25	4			考查 Term Paper	8	
GR301004	大学生职业生涯规划与就业指导 (1) Career Planning and Employment Guidance for University Students (1)	20	1	16	4		考试 Exam	2	

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
GR303005	大学生职业生涯规划与就业指导 (2) Career Planning and Employment Guidance for University Students (2)	18	1	12	6		考试 Exam	6	
GR301005	大学生心理素质教育 (1) Mental Health (1)	16	1	16			考查 Term Paper	1	
GR303005	大学生心理素质教育 (2) Mental Health (2)	16	1	16			考查 Term Paper	5	
GR301024	劳动教育与双创实践(1)Labor Education and Innovation and Entrepreneurship Practice(1)	16	1	16			考查 Term Paper	2	
GR303025	劳动教育与双创实践(2)Labor Education and Innovation and Entrepreneurship Practice(2)	16	1	16			考查 Term Paper	6	
GR302008	军事理论 Military Theory	36	1	36			考试 Exam	1	
GR081071	大学英语 (1) College English (1)	64	4	64			考试 Exam	1	
GR081072	大学英语 (2) College English (2)	32	2	32			考试 Exam	2	
GR081067	大学英语素质拓展课 Competence-oriented Education for College English	32	2	32			考试 Exam	2	
GR141005	体育 (1) (系列课程) Physical Education (1)	32	1		32		考试 Exam	1	
GR141006	体育 (2) (系列课程) Physical Education (2)	32	1		32		考试 Exam	2	
GR142007	体育 (3) (系列课程) Physical Education (3)	32	1		32		考试 Exam	3	
GR142008	体育 (4) (系列课程) Physical Education (4)	32	1		32		考试 Exam	4	
GR041001	大学计算机 College Computer	32	2	16	16		考试 Exam	1	
GR041003	程序设计基础 A Fundamentals of Programming A	64	4	24	24	16	考试 Exam	2	

总计 Total		730	41	492	222	16			
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2、通识教育选修 (Selective Courses of General Education): 192 学时 (192Hours), 12 学分 (12 Credits)

序号 No.	课程类别 Courses Classification	课程名称 Courses Name	学分 Credits	考核方式 Assessment	开课学期 Semester	备注 Notes
1	人文社科类（含在线课程） Humanities and Social Sciences Courses (Inc. Online courses)	见附件 1	7	考查 Term Paper	2-8	4 个类别中选修7 个学分，其中，《大学生安全教育》（1 学分）必选。
2	自然科学类（含在线课程） Natural Science Courses (Inc. Online Courses)	见附件 2		考查 Term Paper	2-8	
3	自然文化类 Natural Culture Courses	见附件 3		考查 Term Paper	2-8	
4	体育与健康类 Sports and Health Courses	见附件 4		考查 Term Paper	5-8	
5	创新创业教育类（含在线课程） Innovation and Entrepreneurship Courses (Inc. Online Courses)	见附件 5-6	3	考查 Term Paper	2-8	选修 3 个学分，其中《新生研讨课》（1 学分）必选。
6	审美与艺术类 Aesthetics and Art Courses	见附件 7	2	考查 Term Paper	2-4	
总计 Total			12			

3、学科基础课程 (Disciplinary Fundamental Courses): 672 学时 (672 Hours), 42 学分 (42 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
DR191001	高等数学 A (1) Advanced Mathematics A (1)	96	6	96			考试 Exam	1	
DR071157	管理学 Management	48	3	48			考试 Exam	1	
DR070042	经济管理专业导论 Introduction to Economic Management	16	1	16			考查 Term Paper	1	
DR191002	高等数学 A (2) Advanced Mathematics A (2)	96	6	96			考试 Exam	2	
DR071057	经济学原理 Principles of Economics	48	3	48			考试 Exam	2	
DR071164	会计学 Accounting	48	3	32	16		考试 Exam	2	
DR071201	信息检索与数据分析	32	2	16	16		考查 Term Paper	2	
DR192005	线性代数 Linear Algebra	32	2	32			考试 Exam	3	
DR192006	概率论与数理统计 Probability and Mathematics Statistic	48	3	48			考试 Exam	3	
DR072111	数据库原理及设计 Database Principles and Design	48	3	32	16		考试 Exam	3	
DR072038	统计学 B Statistics B	48	3	42	6		考试 Exam	4	
DR072212	组织行为学 Organization Behavior	32	2	24	8		考试 Exam	4	
DR073166	运筹学 Operational Research	48	3	40	8		考试 Exam	5	
DR073169	工商管理专业英语 Specialty English for Business Administration	32	2	32			考试 Exam	6	
总计 Total		672	42	618	54				

4、专业核心课程 (Specialized Core Courses): 192 学时 (192 Hours), 12 学分 (12 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
SR072170	财务管理学 Financial Management	32	2	28	4		考试 Exam	4	
SR072171	市场营销学 Marketing	32	2	28	4		考试 Exam	5	
SR073172	人力资源管理 Human Resource Management	32	2	32			考试 Exam	5	
SR072173	运营管理 Operations Management	32	2	28	4		考试 Exam	5	
SR073047	战略管理 Strategy Management	32	2	26	6		考试 Exam	6	
SR074049	创业管理 Entrepreneurship Management	32	2	26	6		考查 Term paper	7	
总计 Total		192	12	168	24				

5、专业拓展课程 (Specialized Development Courses): 完成选修 448 学时 (448 Hours), 28 学分 (28 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
SS073214	智慧物流 Smart Logistics	32	2	24	8		考试 Exam	5	
SR073175	企业风险管理 Enterprise Risk Management	32	2	26	6		考试 Exam	6	
SR072176	矿业公司治理 Mineral Corporate Governance	16	1	14	2		考查 Term paper	3	
DR072168	管理信息系统 Management Information System	32	2	24	8		考试 Exam	4	
DR071129	公共关系 Public Relationship	32	2	32			考试 Exam	4	
SS072203	经济法 B Economic Law B	32	2	32			考试 Exam	4	

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
SR072177	矿产品国际贸易 International Trade of Mineral Products	32	2	32			考试 Exam	3	
SR073178	矿产资源项目技术经济评价 Technical and Economic Evaluation of Mineral Resource Projects	32	2	24	8		考试 Exam	5	
SR073179	大数据下的市场营销决策 Marketing Decision Based on Big Data	32	2	14	18		考查 Term paper	6	
SS072215	管理沟通与新媒体 Management Communication & New Media	32	2	25	7		考查 Term paper	3	
SR072153	社会心理与管理 Social Psychology and Application in Management	32	2	26	6		考查 Term paper	4	
SS073216	珠宝商务 Jewelry Business	32	2	22	10		考查 Term paper	5	
SR074182	计算社会科学组织管理 Computational Social Science in Organizational Management	16	1	10	6		考查 Term paper	7	
SR073183	企业研究方法 Research Methods for Business	16	1	12	4		考查 Term paper	7	
SS073204	产业经济学 Industrial Economics	32	2	28	4		考查 Term paper	5	
SR073069	能源经济学 Energy Economics	32	2	32			考试 Exam	5	
SS070051	学科前沿课 - 管理学实验的设计与实践 Design and Practice of Management Experiments	16	1	12	4		考查 Term paper	7	必修, 2 选 1
SS074217	学科前沿课 - 组织、团队与跨文化管理 Organization, Team Work and Cross-Culture Management	16	1	16			考查 Term paper	7	
总计 Total		496	31	405	91				

6、课程实践 (Course Practice): 24 周 +152 学时 (24 weeks and 152 hours), 21 学分 (21 Credits)

课程代码 Course Code	课程名称 Course Name	周数 (学时) Week(hour)	学分 Credits	考核方式 Assessment	开课学期 Semester	备注 Notes
PR311003	军事技能训练 Military Theory and Exercises	2 周	1	考查 Term paper	1	
PR072050	教学实习 Teaching Practice	4 周	4	考查 Term paper	2 夏	
PR072242	专业实习 Professional Practice	6 周	4	考查 Term paper	3 夏	
PR073052	市场营销模拟 Marketing Simulation	24	1	考查 Term paper	5	
PR073053	人力资源管理模拟 Human Resource Management Simulation	24	1	考查 Term paper	5	
PR073186	运营管理模拟 Operation Management Simulation	24	1	考查 Term paper	5	
PR073054	战略管理模拟 Strategic Management Simulation	24	1	考查 Term paper	6	
PR074055	经营管理决策模拟 Management Decision Simulation	24	1	考查 Term paper	7	
PR181010	思想政治社会实践 Political Social Practice	32	2	考试 Exam.	1 夏	
PR074056	毕业论文 Graduation Thesis	12 周	5	考查 Term paper	8	
总计 Total		24 周 +152 学时	21			

7、课外实践 (Extracurricular practice): 6 学分 (6 Credits)

包括主题教育活动、社会实践、志愿服务、勤工助学、学科竞赛、文体活动、创新创业活动、劳动实践等，其学分的认定按照教务处相关规定执行。

Extracurricular practice include Theme Education, Social Practice, Volunteer Service, Work-study Program, Discipline Competition, Cultural and Sports Activities, Innovative and Entrepreneurial Activities, Labor Practice and so on. The recognition of the credits for extracurricular practice shall be implemented according to the regulations of Academic Affairs Office.

工商管理专业培养方案（辅修学士学位）

一、专业培养目标（Academic Objectives）

工商管理专业培养方案（辅修学士学位）以管理学基本理论为基础，综合运用相关学科知识与方法，系统分析、研究工商企业所面临的经营与管理问题。本专业面向全球化和国际竞争大背景，在培养学生宽厚的工商管理基础理论、基本技能和方法的同时，通过加强实践教学培养学生实际操作能力；通过课程内容模块设计加深学生对工商管理专业下的各个专业研究内容和方向的理解和把握，将与其第一专业的行业和企业联系联系在一起。

二、毕业要求（Academic Requirement）

本专业学生主要学习管理学和工商管理的基本理论与基本知识，接受工商管理方法与技巧方面的基本训练，掌握分析和解决管理问题的基本能力。工商管理类专业学生的能力结构包括知识获取能力、知识应用能力以及创新创业能力三个方面。

1、树立和践行社会主义核心价值观，具有良好的道德品质和身心素养、较强的社会责任感和职业道德；

2、系统掌握管理学、经济学的基本原理和现代企业管理的基础理论和基本知识，掌握企业管理的定性、定量分析方法，关注和了解管理理论的发展前沿；

3、掌握工商企业生产与运作管理、市场营销、财务管理、人力资源管理、战略管理等专业技术知识；了解工商企业国内外发展的现状；

4、具有较强的人际沟通能力和语言文字表达能力；

5、掌握开展本专业科学研究的基本方法，如文献检索、资料查询等的基本方法，具有一定的科学研究能力和批判性思维；

6、熟悉工商企业的管理特点和运行规则；

7、积极参与实践活动以及科技创新活动、自主创业活动。

三、主干学科（Main disciplines）

管理学

四、学制与学位（Length of Schooling and Degree）

工商管理专业培养方案（辅修学士学位）的课程学习与主修专业的学习同时进行，学制为三年。学生修满所规定的学分，达到培养目标规定的各项要求后，授予工商管理专业（辅修学士学位）”证书。

五、核心课程（Core Courses）

专业核心课程包括：管理学、企业经营管理学、统计学、运筹学、组织行为学、战略管理、运营管理、人力资源管理、市场营销学、财务管理学、智慧物流等。

六、最低毕业总学分要求及学分分配（Minimum Required Credits and Distribution）

学生必须修满35学分，并通过辅修学士学位论文答辩，方可获得学士学位证书。

Undergraduate Program in Business Management (Minor Bachelor's Degree)

1. Academic Objectives

The major of Business Administration (Minor Bachelor's Degree) is based on the basic theory of management, and comprehensively uses the knowledge and methods of relevant disciplines to systematically analyze and study the operation and management problems faced by industrial and commercial enterprises. Facing the background of globalization and international competition, this major not only cultivates students' generous basic theories, basic skills and methods of business administration, but also cultivates students' practical ability by strengthening practical teaching; Through the course content module design, students can deepen their understanding and grasp of the research contents and directions of various majors under the business administration major, and connect with the industry and enterprise management of their first major.

2. Academic Requirement

Students of this major mainly study the basic theories and knowledge of management, economics and business administration, receive basic training in business administration methods and skills, master the basic ability to analyze and solve management problems, and be familiar with the management needs of resource-based enterprises. The ability structure of business administration majors includes knowledge acquisition ability, knowledge application ability and innovation and entrepreneurship ability.

1) Establish and practice the socialist core values, have good moral quality and physical and mental quality, strong sense of social responsibility and professional ethics;

2) Systematically master the basic principles of management and economics and the basic theories and knowledge of modern enterprise management, master the qualitative and quantitative analysis methods of enterprise management, pay attention to and understand the development frontier of management theory and the management changes of resource-based enterprises;

3) Master industrial and commercial enterprise production and operation management, marketing, financial management, human resource management, strategic management and other professional and technical knowledge; Understand the development status of industrial and commercial enterprises at home and abroad, familiar with the international practices of resource industry;

4) Strong interpersonal communication skills and language skills;

5) Master the basic methods of scientific research in this major, such as literature retrieval, data inquiry, etc., and have certain scientific research ability and critical thinking;

6) Familiar with the management characteristics and operation rules of resource-based enterprises;

7) Actively participate in practical activities, scientific and technological innovation activities and independent entrepreneurship activities.

3. Main disciplines

Management

4. Length of Schooling and Degree

This minor major program accompanies the first major program and the length of schooling is three years. Students will be awarded the Certificate of Business Administration (Minor Bachelor's Degree) when they have completed the required credits and have met all other requirements.

5. Core Courses

The core courses include: management, business management, statistics, operations research, organizational behavior, strategic management, operations management, human resource management, marketing, financial management, intelligent logistics, etc.

6. Minimum Required Credits and Distribution

Students must complete 35 credits and pass the minor bachelor's dissertation defense before they can obtain the bachelor's degree certificate.

七、课程设置 (Curriculum): 464 学时 + 12 周 (464 Hours and 12 Weeks), 35 学分 (35 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
DR071157	管理学 Management	48	3	48			考试 Exam	3	
DR072036	企业经营管理学 Enterprise Operating and Management	32	2	32			考试 Exam	3	
DR072038	统计学 B Statistics	48	3	42	6		考试 Exam	4	
DR073166	运筹学 Operational Research	48	3	40	8		考试 Exam	5	
SR073178	矿产资源项目技术经济评价 Technical and Economic Evaluation of Mineral Resource Projects	32	2	24	8		考试 Exam	5	
DR072212	组织行为学 Organization Behavior	32	2	24	8		考试 Exam	6	
SR072131	财务管理学 Financial Management	32	2	28	4		考试 Exam	4	
SR072171	市场营销学 Marketing	32	2	28	4		考试 Exam	5	
SR073047	战略管理 Strategic Management	32	2	26	6		考试 Exam	6	
SS073214	智慧物流 Smart Logistics	32	2	24	8		考试 Exam	7	
SR073172	人力资源管理 Human Resource Management	32	2	32			考试 Exam	7	
SR072173	运营管理 Operations Management	32	2	28	4		考试 Exam	7	
SS072215	管理沟通与新媒体 Management Communication & New Media	32	2	25	7		考查 Term Paper	4	
PR074139	毕业论文 Graduation Thesis	12 周	5				考查 Term Paper	8	
总计 Total		464 学时 + 12 周	35	401	63				

工商管理专业培养方案（辅修）

一、专业培养目标

工商管理专业（辅修）以管理学基本理论为基础，综合运用相关学科知识与方法，系统分析、研究工商企业所面临的经营与管理问题。本专业面向全球化和国际竞争的大背景，在培养学生宽厚的工商管理基础理论、基本技能和方法的同时，通过加强实践教学培养学生的实际操作能力；通过课程内容模块设计加深学生对工商管理专业下的各个专业研究内容和方向的理解和把握，将与其第一专业的行业和企业联系联系在一起。

二、毕业要求

本专业学生在校期间应致力于第一专业知识的学习同时，加强工商管理专业相关知识的系统学习；不仅要掌握工商管理专业的基本理论和方法，而且应初步具备分析和解决第一专业所在行业的工商企业实际问题的能力。工商管理类专业学生的能力结构包括知识获取能力、知识应用能力以及创新创业能力三个方面。

（1）树立和践行社会主义核心价值观，具有良好的道德品质和身心素养、较强的社会责任感和职业道德；

（2）系统掌握管理学、经济学的基本原理和现代企业管理的基础理论和基本知识，掌握企业管理的定性、定量分析方法，关注和了解管理理论的发展前沿；

（3）掌握工商企业生产与运作管理、市场营销、财务管理、人力资源管理、战略管理等专业技术知识；了解工商企业国内外发展的现状；

（4）具有较强的人际沟通能力和语言文字表达能力；

（5）掌握开展本专业科学研究的基本方法，如文献检索、资料查询等的基本方法，具有一定的科学研究能力和批判性思维；

（6）熟悉工商企业的管理特点和运行规则；

三、主干学科

管理学。

四、学制与学位

辅修专业的课程学习与主修专业的学习同时进行，修读时间不得长于主修专业，不延长学制。

五、核心课程

专业核心课程包括：管理学、企业经营管理学、统计学、组织行为学、战略管理、运营管理、人力资源管理、市场营销学、财务管理学等。

六、最低毕业总学分要求及学分分配

学生必须修满 22 学分，方可获得辅修专业证书。

Undergraduate Programme in Business Management (Minor)

1. Academic Objectives

The major of Business Administration (minor) is based on the basic theory of management, and comprehensively uses the knowledge and methods of relevant disciplines to systematically analyze and study the operation and management problems faced by industrial and commercial enterprises. Facing the background of globalization and international competition, this major not only cultivates students' generous basic theories, basic skills and methods of business administration, but also cultivates students' practical ability by strengthening practical teaching; Through the course content module design, students can deepen their understanding and grasp of the research contents and directions of various majors under the business administration major, and connect with the industry and enterprise management of their first major.

2. Academic Requirements

The students of this major should devote themselves to the study of the first professional knowledge while strengthening the systematic study of the relevant knowledge of business administration; We should not only master the basic theories and methods of business administration, but also have the ability to analyze and solve the practical problems of business enterprises in the first major. The ability structure of business administration majors includes knowledge acquisition ability, knowledge application ability and innovation and entrepreneurship ability.

(1) Establish and practice the socialist core values, have good moral quality and physical and mental quality, strong sense of social responsibility and professional ethics;

(2) Systematically master the basic principles of management and economics and the basic theories and knowledge of modern enterprise management, master the qualitative and quantitative analysis methods of enterprise management, and pay attention to and understand the development frontier of management theory;

(3) Master industrial and commercial enterprise production and operation management, marketing, financial management, human resource management, strategic management and other professional and technical knowledge; Understand the development status of industrial and commercial enterprises at home and abroad;

(4) Strong interpersonal communication skills and language skills;

(5) Master the basic methods of scientific research in this major, such as literature retrieval, data inquiry, etc., and have certain scientific research ability and critical thinking;

(6) Familiar with the management characteristics and operation rules of industrial and commercial enterprises.

3. Main disciplines

Management.

4. Length of Schooling and Degree

The course study of minor majors and major majors shall be carried out at the same time, and the length of schooling shall be 3 years without extension. After meeting the credit requirements, you can obtain the minor professional certificate.

5. Core Courses

Management, business management, statistics, organizational behavior, strategic management, operation management, human resource management, marketing, financial management, etc.

6. Minimum Required Credits and Distribution

Students must complete 22 credits before they can obtain the minor professional certificate.

七、课程设置 (Curriculum): 352 学时 (352 Hours), 22 学分 (22 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
DR071157	管理学 Management	48	3	48			考试 Exam	3	
DR072036	企业经营管理学 Enterprise Operating and Management	32	2	32			考试 Exam	3	
DR072038	统计学 B Statistics	48	3	42	6		考试 Exam	4	
SR073178	矿产资源项目技术经济评价 Technical and Economic Evaluation of Mineral Resource Projects	32	2	32			考试 Exam	5	
SR072170	财务管理学 Financial Management	32	2	24	8		考试 Exam	4	
SR073047	战略管理 Strategic Management	32	2	26	6		考试 Exam	6	
SR072171	市场营销学 Marketing	32	2	28	4		考试 Exam	5	
SR072172	人力资源管理 Human Resource Management	32	2	32			考试 Exam	7	
SR072173	运营管理 Operations Management	32	2	28	4		考试 Exam	7	
SS072215	管理沟通与新媒体 Management Communication & New Media Arts of Management Communication	32	2	25	7		考查 Term Paper	4	
总计 Total		352	22	317	35				

信息管理与信息系统专业培养方案

一、专业培养目标

本专业面向世界科技发展前沿、国家重大战略需求和社会经济建设发展需要，培养德、智、体、美、劳全面发展，具备扎实的数理统计、信息处理、数据分析、数据库管理等基础，掌握经济学原理、计算机与信息技术、信息资源管理等知识，具备数据挖掘与分析、系统规划与开发、项目管理等能力，具有国际视野、专业素养、行业特色、科学精神、人文情怀、民族和社会责任感，洞悉大数据经济时代商务活动规律，有效驾驭信息技术，引领创新与实践，毕业后可在国家各级管理部门、工商企业、金融机构、科研及事业单位等部门从事信息管理与信息系统相关工作的复合型高级信息管理人才。经过 5 年的实际工作，能够承担信息管理与信息系统相关的工作。

二、毕业要求

① 知识要求：掌握现代经济、管理、信息等基础理论；掌握数理统计、信息处理、计算机语言、数据库原理等基础知识和方法；掌握信息系统规划、分析、设计、实施、运行、维护等系统开发方法，具备从事管理信息系统应用、开发和管理的基本知识，具备系统性思维。

② 能力要求：具备信息检索、处理、可视化、数据分析和挖掘等能力；具备管理信息系统的分析、设计、开发和实践管理的能力；具备专业实践、创新创业、科学研究、项目管理等能力。

③ 素质要求：具备良好的道德素养、国际视野、专业素养、行业特色、科学精神、人文情怀、民族和社会责任感；养成良好的世界观、人生观和价值观；具备良好的人际沟通素质与团队合作精神。

三、主干学科

管理科学与工程。

四、学制与学位

学制四年。学生修满规定的最低毕业学分，达到毕业要求后，授管理学学士学位。

五、核心课程

专业核心课程包括：管理信息系统、系统分析与设计、数据挖掘与商务智能、Java 程序设计、企业资源规划系统与应用、信息安全管理、信息经济学、项目管理等。

Undergraduate Program in Information Management and Information System

1. Academic Objectives

This major is oriented to the forefront of world science and technology development, the major national strategic needs and the needs of social and economic construction and development. It cultivates all-round development of the talents with a solid foundation of mathematical statistics, information processing, data analysis, database management, etc., and requires students to grasp the principles of economic management, computer and information technology, information resource management and other knowledge, having the ability of data mining and analysis, system planning and development, project management, international vision, professional quality, industry characteristics, scientific spirit, humanistic feelings, national and social responsibility, insight into the rules of business activities in the era of big data economy, effective control of information technology, and leading innovation and practice, after graduation, they can work in the national management departments at all levels, industrial and commercial enterprises, enterprises and enterprises Financial institutions, scientific research and institutions and other departments engaged in information management and information system related work of compound senior information management personnel. After five years of practical work, can undertake information management and information system related work.

2. Graduation Requirements

(1) Knowledge requirements: Master the basic theories of modern economy, management and information; Master basic knowledge and methods of mathematical statistics, information processing, computer language and database principles; Master information system planning, analysis, design, implementation, operation, maintenance and other system development methods, have the basic knowledge of management information system application, development and management, have systematic thinking.

(2) Capacity requirements: Information retrieval, processing, visualization, data analysis and mining capabilities; Management information system analysis, design, development and practice management capabilities; Professional practice, innovation and entrepreneurship, scientific research, project management and other capabilities.

(3) Quality requirements: Good moral quality, international vision, professional quality, industry characteristics, scientific spirit, humanistic feelings, national and social responsibility; Good outlook on world life and values; Good interpersonal communication skills and team work spirit.

3. Main disciplines

Management Science and Engineering.

4. Length of Schooling and Degree

The length of schooling is four years of full-time study. Students will be awarded the Bachelor Degree of Management when they have completed the required minimum credits and have met all other requirements.

5. Core Courses

Management Information System, System Analysis and Design, Data Mining and Business Intelligence, Java Language Programming, Enterprise Resource Planning System and Application, Information Security Management, Information Economics and Project Management.

六、最低毕业总学分要求及学分分配 (Minimum Required Credits and Distribution)

课程模块 Course module	课程类别 Course Classification	学时数 Hours	学分 Credits	学 期 Semester										
				1	2	1 夏	3	4	2 夏	5	6	3 夏	7	8
通识教育 Liberal Education	通识教育必修课程 Required Courses of General Education	730	41	12.25	15.25		4.25	4.25		2.25	1.25		0.25	0.25
	通识教育选修课程 Selective Courses of General Education	192	12											
专业教育 Professional Education	学科基础课程 Disciplinary Fundamental Courses	800	50	10	14		13	5		6	2			
	专业核心课程 Specialized Fundamental Courses	336	21					6		7	8			
	专业拓展课程 Specialized Development	208	13					4		4	4		1	
实践教育 Practical Education	课程实践 Course Practice	24 周 +32 学时	18			2	2		4			6		5
	课外实践 Extracurricular practice		6											
必修课总学分 Required course credits				130										
选修课总学分 Elective course credits				31										
最低毕业总学分 Total Credits				161										

七、课程设置 (Curriculum)

1、通识教育必修课程 (Required Courses of General Education): 730 学时 (730 Hours), 41 学分 (41 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
GR181009	思想道德与法治 Ideological Morality and Rule of Law	48	3	40	8		考试 Exam	1	
GR181008	中国近现代史纲要 Essentials of Modern Chinese History	48	3	40	8		考试 Exam	2	
GR182014	马克思主义基本原理 Fundamental Principles of Marxism	48	3	40	8		考试 Exam	3	
GR182024	毛泽东思想和中国特色社会主义理论体系概论 Introduction to Mao Zedong Thoughts and Theoretical System of the Chinese Characteristic Socialism	32	2	32			考试 Exam	4	
GR182022	习近平新时代中国特色社会主义思想概论 Introduction to Xi Jinping Thoughts on Socialism with Chinese Characteristics in the New Era	48	3	48	0		考试 Exam	5	
GR181013	形势与政策 (1) Situation and Policy(1)	4	0.25	4			考查 Term Paper	1	
GR181014	形势与政策 (2) Situation and Policy(2)	4	0.25	4			考查 Term Paper	2	
GR181015	形势与政策 (3) Situation and Policy(3)	4	0.25	4			考查 Term Paper	3	
GR181016	形势与政策 (4) Situation and Policy(4)	4	0.25	4			考查 Term Paper	4	
GR181017	形势与政策 (5) Situation and Policy(5)	4	0.25	4			考查 Term Paper	5	
GR181018	形势与政策 (6) Situation and Policy(6)	4	0.25	4			考查 Term Paper	6	
GR181019	形势与政策 (7) Situation and Policy(7)	4	0.25	4			考查 Term Paper	7	
GR181020	形势与政策 (8) Situation and Policy(8)	4	0.25	4			考查 Term Paper	8	
GR301004	大学生职业生涯规划与就业指导 (1) Career Planning and Employment Guidance for University Students (1)	20	1	16	4		考试 Exam	2	

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
GR303005	大学生职业生涯规划与就业指导(2) Career Planning and Employment Guidance for University Students (2)	18	1	12	6		考试 Exam	6	
GR301005	大学生心理素质教育(1) Mental Health (1)	16	1	16			考查 Term Paper	1	
GR303005	大学生心理素质教育(2) Mental Health (2)	16	1	16			考查 Term Paper	5	
GR301024	劳动教育与双创实践(1)Labor Education and Innovation and Entrepreneurship Practice(1)	16	1	16			考查 Term Paper	2	
GR303025	劳动教育与双创实践(2)Labor Education and Innovation and Entrepreneurship Practice(2)	16	1	16			考查 Term Paper	6	
GR302008	军事理论 Military Theory	36	1	36			考试 Exam	1	
GR081071	大学英语(1) College English(1)	64	4	64			考试 Exam	1	
GR081072	大学英语(2) College English(2)	32	2	32			考试 Exam	2	
GR081067	大学英语素质拓展课 Competence-oriented Education for College English	32	2	32			考试 Exam	2	
GR141005	体育(1)(系列课程) Physical Education(1)	32	1		32		考试 Exam	1	
GR141006	体育(2)(系列课程) Physical Education(2)	32	1		32		考试 Exam	2	
GR142007	体育(3)(系列课程) Physical Education(3)	32	1		32		考试 Exam	3	
GR142008	体育(4)(系列课程) Physical Education(4)	32	1		32		考试 Exam	4	
GR041001	大学计算机 College Computer	32	2	16	16		考试 Exam	1	

GR041003	程序设计基础 A Fundamentals of Programming A	64	4	24	24	16	考试 Exam	2	
总计 Total		730	41	492	222	16			

2、通识教育选修 (Selective Courses of General Education): 192 学时 (192Hours), 12 学分 (12 Credits)

序号 No.	课程类别 Courses Classification	课程名称 Courses Name	学分 Credits	考核方式 Assessment	开课学期 Semester	备注 Notes
1	人文社科类 (含在线课程) Humanities and Social Sciences Courses (Inc. Online courses)	见附件 1	7	考查 Term Paper	2-8	4 个类别中选修7 个学分, 其中, 《大学生安全教育》(1 学分) 必选。
2	自然科学类 (含在线课程) Natural Science Courses (Inc. Online Courses)	见附件 2		考查 Term Paper	2-8	
3	自然文化类 Natural Culture Courses	见附件 3		考查 Term Paper	2-8	
4	体育与健康类 Sports and Health Courses	见附件 4		考查 Term Paper	5-8	
5	创新创业教育类 (含在线课程) Innovation and Entrepreneurship Courses (Inc. Online Courses)	见附件 5-6	3	考查 Term Paper	2-8	选修 3 个学分, 其中《新生研讨课》(1 学分) 必选。
6	审美与艺术类 Aesthetics and Art Courses	见附件 7	2	考查 Term Paper	2-4	
总计 Total			12			

3、学科基础课程 (Disciplinary Fundamental Courses): 800 学时 (800 Hours), 50 学分 (50 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
DR191001	高等数学 A (1) Advanced Mathematics A (1)	96	6	96			考试 Exam	1	
DR191002	高等数学 A (2) Advanced Mathematics A (2)	96	6	96			考试 Exam	2	
DR192005	线性代数 Linear Algebra	32	2	32			考试 Exam	3	
DR192006	概率论与数理统计 Probability and Mathematics Statistic	48	3	48			考试 Exam	3	
DR071157	管理学 Management	48	3	48			考试 Exam	1	
DR071057	经济学原理 Principles of Economics	48	3	48			考试 Exam	2	
DR071164	会计学 Accounting	48	3	32	16		考试 Exam	2	
DR071201	信息检索与数据分析 Information Retrieval & Data Analysis	32	2	16	16		考试 Exam	2	
DR070042	经济管理专业导论 Introduction to Economic Management	16	1	16			考查 Term paper	1	
SR072116	信息资源管理 Information Resource Management	32	2	32			考试 Exam	4	
DR072110	数据结构 Data Structure	48	3	32	16		考试 Exam	3	
DR072111	数据库原理及设计 Principle and Design of Database	48	3	32	16		考试 Exam	3	
DR072218	电子商务 Electronic Commerce	32	2	32			考试 Exam	3	
SR072115	企业管理流程 Business Management Process	48	3	8	40		考试 Exam	4	
DR073219	数据分析工具与方法 A Data Analysis Tools and Methods A	48	3	24	24		考试 Exam	5	

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
DR073166	运筹学 Operational Research	48	3	40	8		考试 Exam	5	
SR073123	信息管理专业英语 English for Information Management	32	2	32			考试 Exam	6	
总计 Total		800	50	680	120				

4、专业核心课程 (Specialized Core Courses): 336 学时 (336 Hours), 21 学分 (21 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
SR072114	管理信息系统 Management Information System	48	3	32	16		考试 Exam	4	
SR073117	Java 程序设计 Java Program Design	48	3	32	16		考试 Exam	5	
SR073162	信息经济学 Information Economics	32	2	32			考试 Exam	5	
SR072220	企业资源规划系统与应用 Enterprise Resource Planning System and Application	48	3	16	32		考试 Exam	4	
SR073120	系统分析与设计 System Analysis and Design	48	3	32	16		考试 Exam	6	
SR073221	数据挖掘与商务智能 A Data Mining and Business Intelligence A	48	3	32	16		考试 Exam	6	
SR073122	项目管理 Project Management	32	2	32			考试 Exam	6	
SR074125	信息安全管理 Information Security Management	32	2	32			考试 Exam	5	
总计 Total		336	21	240	96				

5、专业拓展课程 (Specialized Development Courses): 完成选修208 学时 (208 hours), 13学分 (13Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
SS074222	学科前沿课 - 信息管理学科前沿 Frontiers-Information management Discipline Frontiers	16	1	16			考查 Term Paper	7	
SS073223	地理信息系统 Geographic Information System	32	2	16	16		考试 Exam	5	
SS073224	计量经济学 B Econometrics B	32	2	16	16		考试 Exam	6	
SS072225	Python 程序设计 Python Program Design	32	2	16	16		考试 Exam	4	
SS072226	公司战略与风险管理 Corporate Strategy and Risk Management	32	2	32			考试 Exam	4	
SS073227	低碳经济理论与实践 Theory and practice of Low-carbon Economy	32	2	32			考查 Term Paper	5	
SS073228	金融数据分析与量化交易系统 Financial Data Analysis and Quantitative Trading System	32	2	24	8		考查 Term Paper	6	
SS073280	复杂网络建模与分析 Complex Network Modeling and Analysis	32	2	20	12		考查 Term Paper	5	
总计 Total		240	15	172	68				

6、课程实践 (Course Practice): 24 周 +32 学时 (24 weeks and 32 hours), 18 学分 (18 Credits)

课程代码 Course Code	课程名称 Course Name	周数 (学时) Week(hour)	学分 Credits	考核方式 Assessment	开课学期 Semester	备注 Notes
PR311003	军事技能训练 Military Theory and Practice	2 周	1	考查 Term Paper	1	
PR181010	思想政治社会实践 Political Social Practice	32 学时	2	考查 Term Paper	1 夏	
PR072126	教学实习 Teaching Practice	4 周	4	考查 Term Paper	2 夏	
PR073127	专业实习 Professional Practice	6 周	6	考查 Term Paper	3 夏	
PR074128	毕业论文 Graduate Thesis	12 周	5	考查 Term Paper	8	
总计 Total		24 周 +32 学时	18			

7、课外实践 (Extracurricular practice): 6 学分 (6 Credits)

包括主题教育活动、社会实践、志愿服务、勤工助学、学科竞赛、文体活动、创新创业活动、劳动实践等, 其学分的认定按照教务处相关规定执行。

Extracurricular practice include Theme Education, Social Practice, Volunteer Service, Work-study Program, Discipline Competition, Cultural and Sports Activities, Innovative and Entrepreneurial Activities, Labor Practice and so on. The recognition of the credits for extracurricular practice shall be implemented according to the regulations of Academic Affairs Office.

会计学专业培养方案

一、专业培养目标

本专业旨在培养思想道德品质优秀，理论功底扎实，身体素质过硬，具有开拓创新精神、国际战略眼光、决策应变能力和实践操作能力，拥有高度社会责任感，具备较强的会计实务处理、财务管理、财务分析及资本运营能力，熟悉国内外会计发展动态，掌握并能够熟练运用大数据、人工智能、现代决策理论与方法等知识，能够在大型企业集团、金融机构、会计师事务所、政府机关以及行政事业单位胜任专业工作的高水平复合型会计专门人才。

二、毕业要求

会计学专业毕业生应达到知识、能力、素质三个方面的培养要求：

（1）知识要求：系统掌握会计学、管理学和经济学的基本理论和基础知识；掌握会计理论以及定性与定量分析方法；熟悉国内外与会计相关的方针、政策和法规以及国际会计惯例，了解会计理论前沿与发展动态；掌握数理统计、信息处理、计算机语言、数据分析等基础知识和方法；

（2）能力要求：熟练使用计算机与数学工具，具备信息检索、处理及数据分析和挖掘等能力；掌握一门外语，能够阅读本专业外文科技书刊，具备较强的听、说、写、译能力；具有较强的团队合作精神、组织协调能力，以及强烈的探究和创新意识；养成在未来职业生涯中不断学习更新知识、拓展职业空间的能力。

（3）素质要求：具备良好的品德操守、人文修养、职业道德和社会责任感；具有广阔的国际视野、精深的专业素养和严谨的科学精神。

三、主干学科

工商管理、管理科学与工程。

四、学制与学位

学制四年。学生修满规定的最低毕业学分，达到毕业要求后，授予管理学学士学位。

五、核心课程

专业核心课程包括：会计学、中级财务会计、高级财务会计、财务管理、成本与管理会计、审计学、信息检索与数据分析、数据分析工具与方法、数据挖掘与商务智能等。

实践课程：会计职业认识、会计职业素质培养、专业实习；计算机模拟实务：业财融合与财务共享综合实训、管理会计与决策支持综合实训、智慧审计实务模拟；毕业论文等。

Undergraduate Program in Accounting

1. Academic Objectives

This major aims to cultivate high-level composite accounting professionals with excellent ideological and moral quality, solid theoretical foundation, excellent physical quality, pioneering and innovative spirit, international strategic vision, decision-making ability and practical ability, Graduates are supposed to have high sense of social responsibility, as well as strong ability of accounting processing, financial management, financial analysis and capital operation, and be familiar with domestic and foreign accounting development, proficient in the use of big data, artificial intelligence, modern decision-making theory and methods, and be well qualified for professional work in large enterprise groups, financial institutions, accounting firms, government agencies and administrative institutions.

2. Graduation Requirements

Accounting graduates should meet the requirements of knowledge, ability and quality as follows:

(1) Knowledge Requirements: Mastering the basic theory and knowledge of accounting, management and economics; Mastering accounting theory and both qualitative and quantitative analysis methods; Being Familiar with domestic and foreign accounting principles, policies and regulations, as well as the frontier of accounting theory; Mastering the basic knowledge and methods of mathematical statistics, information processing, computer language, data analysis, etc;

(2) Ability Requirements: Being proficient in computer and mathematical tools and possessing skills of information retrieval, data processing, and data mining; Mastering a foreign language, with the ability of reading professional books and papers, as well as skills of listening, speaking, writing and translating; Developing abilities of organizing, coordinating, exploring and innovating; Developing the ability of continuously self-learning and knowledge updating.

(3) Quality requirements: Good moral integrity, humanistic cultivation, professional ethics and sense of social responsibility; Broad international vision, profound professional quality and rigorous scientific spirit.

3. Main disciplines

Business Management, Management Science and Engineering.

4. Length of Schooling and Degree

The length of schooling is four years of full-time study. Students will be awarded the Bachelor Degree of Management when they have completed the required minimum credits and have met all other requirements.

5. Core Courses

The core courses of this major include: Accounting, Intermediate Financial Accounting, Advanced Financial Accounting, Financial Management, Cost and Management Accounting, Auditing, Information Retrieval and Data Analysis, Data Analysis Tools and Methods, Data Mining and Business Intelligence, etc.

The main practice courses include: Accounting Professional Cognition, the Education of Accounting Professional Quality, Management Accounting and Decision Support Practice, Financial Integration & Financial Sharing Practice, the Simulation of Intelligent Auditing, Professional Practice, Graduation thesis, etc.

六、最低毕业总学分要求及学分分配 (Minimum Required Credits and Distribution)

课程模块 Course module	课程类别 Course Classification	学时数 Hours	学分 Credits	学 期 Semester										
				1	2	1 夏	3	4	2 夏	5	6	3 夏	7	8
通识教育 Liberal Education	通识教育必修课程 Required Courses of General Education	698	41	9.25	13.25	1	4.25	5.25		3.25	1.25		0.25	0.25
	通识教育选修课程 Selective Courses of General Education	192	12											
专业教育 Professional Education	学科基础课程 Disciplinary Fundamental Courses	496	31	10	14		7							
	专业核心课程 Specialized Fundamental Courses	592	37				10	7		15	5			
	专业拓展课程 Specialized Development	144	9											
实践教育 Practical Education	课程实践 Course Practice	23 周 +144 学时	24			2	2		1		2	8	5	5
	课外实践 Extracurricular practice		6											
必修课总学分 Required course credits				133										
选修课总学分 Elective course credits				27										
最低毕业总学分 Total Credits				160										

七、课程设置 (Curriculum)

1、通识教育必修课程 (Required Courses of General Education): 698 学时 (698 Hours), 41 学分 (41 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
GR181009	思想道德与法治 Ideological Morality and Rule of Law	48	3	40	8		考试 Exam	1	
GR181008	中国近现代史纲要 Essentials of Modern Chinese History	48	3	40	8		考试 Exam	2	
GR182014	马克思主义基本原理 Fundamental Principles of Marxism	48	3	40	8		考试 Exam	3	
GR182024	毛泽东思想和中国特色社会主义理论体系概论 Introduction to Mao Zedong Thoughts and Theoretical System of the Chinese Characteristic Socialism	32	2	32			考试 Exam	4	
GR182022	习近平新时代中国特色社会主义思想概论 Introduction to Xi Jinping Thoughts on Socialism with Chinese Characteristics in the New Era	48	3	48	0		考试 Exam	5	
GR181013	形势与政策 (1) Situation and Policy(1)	4	0.25	4			考查 Term Paper	1	
GR181014	形势与政策 (2) Situation and Policy(2)	4	0.25	4			考查 Term Paper	2	
GR181015	形势与政策 (3) Situation and Policy(3)	4	0.25	4			考查 Term Paper	3	
GR181016	形势与政策 (4) Situation and Policy(4)	4	0.25	4			考查 Term Paper	4	
GR181017	形势与政策 (5) Situation and Policy(5)	4	0.25	4			考查 Term Paper	5	
GR181018	形势与政策 (6) Situation and Policy(6)	4	0.25	4			考查 Term Paper	6	
GR181019	形势与政策 (7) Situation and Policy(7)	4	0.25	4			考查 Term Paper	7	
GR181020	形势与政策 (8) Situation and Policy(8)	4	0.25	4			考查 Term Paper	8	
GR301004	大学生职业生涯规划与就业指导 (1) Career Planning and Employment Guidance for University Students (1)	20	1	16	4		考试 Exam	2	

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
GR303005	大学生职业生涯规划与就业指导 (2) Career Planning and Employment Guidance for University Students (2)	18	1	12	6		考试 Exam	6	
GR301005	大学生心理素质教育 (1) Mental Health (1)	16	1	16			考查 Term Paper	1	
GR303005	大学生心理素质教育 (2) Mental Health (2)	16	1	16			考查 Term Paper	5	
GR301024	劳动教育与双创实践(1)Labor Education and Innovation and Entrepreneurship Practice(1)	16	1	16			考查 Term Paper	2	
GR303025	劳动教育与双创实践(2)Labor Education and Innovation and Entrepreneurship Practice(2)	16	1	16			考查 Term Paper	6	
GR302008	军事理论 Military Theory	36	1	36			考试 Exam	1	
GR081071	大学英语 (1) College English (1)	64	4	64			考试 Exam	1	
GR081072	大学英语 (2) College English (2)	32	2	32			考试 Exam	2	
GR081067	大学英语素质拓展课 Competence-oriented Education for College English	32	2	32			考试 Exam	2	
GR141005	体育 (1) (系列课程) Physical Education (1)	32	1		32		考试 Exam	1	
GR141006	体育 (2) (系列课程) Physical Education (2)	32	1		32		考试 Exam	2	
GR142007	体育 (3) (系列课程) Physical Education (3)	32	1		32		考试 Exam	3	
GR142008	体育 (4) (系列课程) Physical Education (4)	32	1		32		考试 Exam	4	
GR041001	大学计算机 College Computer	32	2	16	16		考试 Exam	1	

GR041003	程序设计基础 A Fundamentals of Programming A	64	4	24	24	16	考试 Exam	2	
总计 Total		698	41	476	206	16			

2、通识教育选修 (Selective Courses of General Education): 192 学时 (192Hours), 12 学分 (12 Credits)

序号 No.	课程类别 Courses Classification	课程名称 Courses Name	学分 Credits	考核方式 Assessment	开课学期 Semester	备注 Notes
1	人文社科类 (含在线课程) Humanities and Social Sciences Courses (Inc. Online courses)	见附件 1	7	考查 Term Paper	2-8	4 个类别中选修7 个学分, 其中, 《大学生安全教育》(1 学分) 必选。
2	自然科学类 (含在线课程) Natural Science Courses (Inc. Online Courses)	见附件 2		考查 Term Paper	2-8	
3	自然文化类 Natural Culture Courses	见附件 3		考查 Term Paper	2-8	
4	体育与健康类 Sports and Health Courses	见附件 4		考查 Term Paper	5-8	
5	创新创业教育类 (含在线课程) Innovation and Entrepreneurship Courses (Inc. Online Courses)	见附件 5-6	3	考查 Term Paper	2-8	选修 3 个学分, 其中《新生研讨课》(1 学分) 必选。
6	审美与艺术类 Aesthetics and Art Courses	见附件 7	2	考查 Term Paper	2-4	
总计 Total			12			

3、学科基础课程 (Disciplinary Fundamental Courses): 496 学时 (496 Hours), 31 学分 (31 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
DR191001	高等数学 A (1) Advanced Mathematics A (1)	96	6	96			考试 Exam	1	
DR191002	高等数学 A (2) Advanced Mathematics A (2)	96	6	96			考试 Exam	2	
DR192005	线性代数 Linear Algebra	32	2	32			考试 Exam	3	
DR192006	概率论与数理统计 Probability and Mathematics Statistic	48	3	48			考试 Exam	3	
DR071157	管理学 Management	48	3	48			考试 Exam	1	
DR071057	经济学原理 Principles of Economics	48	3	48			考试 Exam	2	
DR071164	会计学 Accounting	48	3	32	16		考试 Exam	2	
DR072229	金融学 B Finance B	32	2	32			考试 Exam	3	
DR071201	信息检索与数据分析 Information Retrieval & Data Analysis	32	2	16	16		考查 Term Paper	2	
DR070042	经济管理专业导论 Introduction to Economic Management	16	1	16			考查 Term Paper	1	
总计 Total		496	31	480	16				

4、专业核心课程 (Specialized Core Courses) : 592 学时 (592 hours) , 37 学分 (37 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
SR072230	中级财务会计 Intermediate Financial Accounting	80	5	32	16	32	考试 Exam	3	
SR072095	高级财务会计 Advanced Financial Accounting	48	3	48			考试 Exam	5	
SR072231	财务管理 Financial Management	64	4	48	16		考试 Exam	4	
SR073232	成本与管理会计 Cost and Management Accounting	48	3	40	8		考试 Exam	5	
SR072098	审计学 Auditing	48	3	32	16		考试 Exam	5	
SR073094	财务分析 Financial Analysis	48	3	32	16		考试 Exam	4	
DR073092	会计信息系统 Accounting Information System	32	2	16	16		考试 Exam	5	
DR072165	税法 Taxation Laws	48	3	36	12		考试 Exam	3	
SR073233	财会英语 English for Financial Accounting	32	2	32			考试 Exam	5	
SR073234	资产评估理论与实务 Theory and Practice of Property Assessment	48	3	38	10		考试 Exam	6	
DR072084	证券投资学 Securities Investment	32	2	24	8		考试 Exam	3	
SR073235	数据分析工具与方法 B Data Analysis Tools and Methods B	32	2	16	16		考试 Exam	5	
SR073236	数据挖掘与商务智能 B Data Mining and Business Intelligence B	32	2	16	16		考试 Exam	6	
总计 Total		592	37	410	150	32			

5、专业拓展课程 (Specialized Development Courses): 完成选修144 学时 (144 hours), 9 学分 (9 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
SS072203	经 济 法 B Economic Law B	32	2	32			考试 Exam	4	选 修 ， 至少修 9 学 分，其中学 科前沿课必 须二选一， 至少修 1 学 分
DR072064	博弈论与信息经济学 Game Theory and Information Economics	32	2	32			考试 Exam	3	
SS073216	珠宝商务 Jewelry Business	32	2	22	10		考查 Term paper	5	
SR073069	能源经济学 Energy Economics	32	2	32			考试 Exam	5	
SR072177	矿产品国际贸易 International Trade of Mineral Products	32	2	32			考试 Exam	3	
SR073179	大数据下的市场营销决策 Marketing Decision Based on Big Data	32	2	12	20		考查 Term paper	6	
SR073175	企业风险管理 Enterprise Risk Management	32	2	26	6		考试 Exam	6	
SS073237	学科前沿课 - 商业伦理 Discipline Frontiers- Business Ethics	16	1	14	2		考查 Term paper	6	
SS073238	学科前沿课 - 财务会计发展前沿 Discipline Frontiers- the Frontier of Financial Accounting	16	1	6	10		考查 Term paper	6	
总计 Total		256	16	208	48				

注：学科前沿课中《商业伦理》全院任选，《财务会计发展前沿》必须会计专业学生才能选修。

6、课程实践 (Course Practice): 23 周 +144 学时 (23 weeks and 144 hours), 24学分 (24 Credits)

课程代码 Course Code	课程名称 Course Name	周数 (学时) Week(hour)	学分 Credits	考核方式 Assessment	开课学期 Semester	备注 Notes
PR311003	军事技能训练 Military Theory and Practice	2 周	1	考查 Term Paper	1	
PR181010	思想政治社会实践 Political Social Practice	32	2	考查 Term Paper	1 夏	
PR072102	会计职业认识 Accounting Professional Cognition	1 周	1	考查 Term Paper	2 夏	
PR073103	会计职业素质培养 The Education of Accounting Professional Quality	2 周	2	考查 Term Paper	3 夏	
PR073239	管理会计与决策支持综合实训 Management Accounting and Decision Support Practice	32 学时	2	考试 Exam	6	
PR074240	业财融合与财务共享综合实训 Financial Integration & Financial Sharing Practice	48 学时	3	考查 Term Paper	7	
PR074241	智慧审计实务模拟 The Simulation of Intelligent Auditing	32 学时	2	考查 Term Paper	7	
PR074107	专业实习 Professional Practice	6 周	6	考查 Term Paper	3 夏	
PR074108	毕业论文 Graduation Thesis	12 周	5	考查 Term Paper	8	
总计 Total		23 周 +144 学时	24			

7、课外实践 (Extracurricular practice): 6 学分 (6 Credits)

包括主题教育活动、社会实践、志愿服务、勤工助学、学科竞赛、文体活动、创新创业活动、劳动实践等，其学分的认定按照教务处相关规定执行。

Extracurricular practice include Theme Education, Social Practice, Volunteer Service, Work-study Program, Discipline Competition, Cultural and Sports Activities, Innovative and Entrepreneurial Activities, Labor Practice and so on. The recognition of the credits for extracurricular practice shall be implemented according to the regulations of Academic Affairs Office.

大数据管理与应用专业培养方案

一、专业培养目标

本专业依托学校在地质、资源与环境领域的优势学科，旨在培养德、智、体、美、劳全面发展，具备扎实的大数据科学、经济学、管理学、地球科学等理论基础；掌握大数据获取、存储、处理、挖掘等基本技能；具有获取知识、应用知识和管理创新等实践能力；拥有运用大数据管理理论和方法解决地质、矿产、能源、土地等资源相关的经济管理问题的能力和素养，可在政府部门、工商企业、科研及事业单位，特别是地矿相关领域从事大数据管理、应用与决策支持的高级复合型专业人才。

二、毕业要求

1、知识要求

- ① 掌握现代地球科学、资源与环境经济和管理、信息、数据等基础理论；
- ② 掌握数理统计、空间统计、信息处理、计算机语言、数据库原理等基础知识和方法；
- ③ 掌握大数据检索、分析、挖掘、管理与应用的技术与方法。

2、能力要求

- ① 具备数据检索、处理、可视化和挖掘等能力；
- ② 具备应用大数据管理、分析、建模与决策的能力，掌握系统性思维方式；
- ③ 具备专业实践、创新创业、科学研究等能力。

3、素质要求

- ① 具备良好的道德素养、国际视野、专业素养、行业特色、科学精神、人文情怀、民族和社会责任感；
- ② 养成良好的世界观、人生观和价值观；
- ③ 具备良好的人际沟通素质与团队合作精神。

三、主干学科

管理科学与工程

四、学制与学位

学制四年。达到培养方案规定的各项要求，授管理学学士学位。

五、核心课程

专业核心课程包括：大数据管理与应用专业导论、Python程序设计、信息检索与数据分析、数据分析工具与方法、数据挖掘与商务智能、人工智能与机器学习、数据采集处理与可视化、Hadoop基础、自然语言处理等。

六、最低毕业总学分要求及学分分配 (Minimum Required Credits and Distribution)

课程模块 Sections	课程类别 Course Classification	学时数 Hours	学分 Credits	学期Semester											
				1	2	1夏	3	4	2夏	5	6	3夏	7	8	
通识教育 Liberal Education	通识教育必修课程 Required Courses of General Education	730	40	11.25	13.25		4.25	5.25		3.25	1.25		0.25	0.25	
	通识教育选修课程 Selective Courses of General Education	192	12												
专业教育 Professional Education	学科基础课程 Disciplinary Fundamental	800	50	10	14		18	8							
	专业核心课程 Specialized Core Courses	400	25		2			7		9	7				
	专业拓展课程 Specialized Development	80	5										1		
实践教育 Practical Education	课程实践 Course Practice	29周+32学时	24			2	3	1	4	1	2	6		5	
	课外实践 Extracurricular practice	--	6												
必修课总学分 Required course credits				152											
选修课总学分 Elective course credits				12											
最低毕业总学分 Total Credits				162											

七、课程设置（Curriculum）

1、通识教育课程（General Education Courses）：730学时(730 hours)，40学分(40Credits)

课程代码 Course Code	课程名称 Courses Name	总学时 Hours	学分 Credits	讲课学时 Lec.	实验 学时 Exp.	线上 学时 Online	考核方式 Assessment	开课 学期 Semester	备注 Notes
GR181009	思想道德与法治 Ideological Morality and Rule of Law	48	3	40	8		考试 Exam	1	
GR181008	中国近现代史纲要 Essentials of Modern Chinese History	48	3	40	8		考试 Exam	2	
GR182014	马克思主义基本原理 Fundamental Principles of Marxism	48	3	40	8		考试 Exam	3	
GR183004	毛泽东思想和中国特色社会主义理论体系概论 Introduction to Mao Zedong Thoughts and Theoretical System of the Chinese Characteristic Socialism	64	4	48	16		考试 Exam	4	
GR181012	习近平新时代中国特色社会主义思想概论 Introduction to Xi Jinping Thoughts on Socialism with Chinese Characteristics in the New Era	32	2	28	4		考试 Exam	5	
GR180005	形势与政策 Situation and Policies	32	2	32	0		考查 Term Paper	1-8	
GR301004	大学生职业生涯规划与就业指导（1） Career Planning and Employment Guidance for University Students (1)	20	1	16	4		考试 Exam	2	
GR303005	大学生职业生涯规划与就业指导（2） Career Planning and Employment Guidance for University Students (2)	18	1	12	6		考试 Exam	6	

GR301005	大学生心理素质教育（1） Mental Health (1)	16	1	16	0		考查 Term Paper	1	
GR303005	大学生心理素质教育（2） Mental Health (2)	16	1	16	0		考查 Term Paper	5	
GR302008	军事理论 Military Theory	36	1	36	0		考试 Exam	2夏	
GR081071	大学英语（1） College English (1)	64	4	64			考试 Exam	1	
GR081072	大学英语（2） College English (2)	32	2	32			考试 Exam	2	
GR081067	大学英语素质拓展课 Competence-oriented Education for College English	32	2	32			考试 Exam	2	
GR141005	体育（1）（系列课程） Physical Education (1) (series of courses)	32	1		32		考试 Exam	1	
GR141006	体育（2）（系列课程） Physical Education (2) (series of courses)	32	1		32		考试 Exam	2	
GR142007	体育（3）（系列课程） Physical Education (3) (series of courses)	32	1		32		考试 Exam	3	
GR142008	体育（4）（系列课程） Physical Education (4) (series of courses)	32	1		32		考试 Exam	4	
GR041001	大学计算机 College Computer	32	2	16	16		考试 Exam	1	
GR041003	程序设计基础A Fundamentals of Programming A	64	4	24	24	16	考试 Exam	2	
总计Total		730	40	492	222	16			

2、通识教育选修课程（Selective Courses of General Education）：192学时（192 hours），12学分（12 Credits）

序号 No.	课程类别 Courses Classification	课程名称 Courses Name	学分 Credits	考核方式 Assessment	开课学期 Semester	备注 Notes
1	人文社科类（含在线课程） Humanities and social sciences Courses (Inc. Online courses)	见附件1	7	考查 Term Paper	2-8	4个类别中选修7个学分，其中，《大学生安全教育》（1学分）必选。
2	自然科学类（含在线课程） Natural science courses (Inc. Online Courses)	见附件2		考查 Term Paper	2-8	
3	自然文化类 Natural Culture Courses	见附件3		考查 Term Paper	2-8	
4	体育与健康类 Sports and health courses	见附件4		考查 Term Paper	5-8	
5	创新创业教育类 Innovation and Entrepreneurship Courses (Inc. Online Courses)	见附件5	3	考查 Term Paper	2-8	选修3个学分，其中《新生研讨课》（1学分）必选。
6	审美与艺术类 Aesthetics and art Courses	见附件6	2	考查 Term Paper	2-4	
总计Total			12			

3、学科基础课程（Disciplinary Fundamental Courses）：800学时(800 hours), 50学分(50 Credits)

课程代码 Course Code	课程 名称Courses Name	总学时 Hours	学分 Credits	讲课 学时 Lec.	实验 学时 Exp.	线上 学时 Com.	考核方式 Assessment	开课 学期 Semester	备注 Notes
DR191001	高等数学A（1） Advanced Mathematics A（1）	96	6	96			考试 Exam	1	
DR071157	管理学 Management	48	3	48			考试 Exam	1	
DR071222	大数据管理与应用专业导论 Introduction to Big Data Management and Application	16	1	16			考查 Term paper	1	
DR071057	经济学原理 Principles of Economics	48	3	48			考试 Exam	2	
DR071164	会计学 Accounting	48	3	32	16		考试 Exam	2	
DR071201	信息检索与数据分析 Information Retrieval & Data Analysis	32	2	16	16		考查 Term paper	2	
DR191002	高等数学A（2） Advanced Mathematics A（2）	96	6	96			考试 Exam	2	
DR192005	线性代数 Linear Algebra	32	2	32			考试 Exam	3	
DR192006	概率论与数理统计 Probability and Mathematics Statistic	48	3	48			考试 Exam	3	
DR072110	数据结构 Data Structure	48	3	32	16		考试 Exam	3	
DR072260	大数据下的电子商务 Electronic Commerce Based on Big Data	32	2	32			考试 Exam	3	

DR072058	统计学A Statistics A	48	3	36	12		考试 Exam	3	
DR072261	专业英语 English for Major	32	2	32			考试 Exam	3	
DR073040	运筹学 Operational Research	48	3	40	8		考试 Exam	4	
DR072111	数据库原理及设计 Principle and Design of Database	48	3	32	16		考试 Exam	4	
	资源信息管理 Resource Information Management	32	2	32			考查 Term paper	4	
DR073219	数据分析工具与方法A Data Analysis Tools and Methods A	48	3	24	24		考查 Term paper	3	
总计Total		800	50	692	108				

4、专业核心课程（Specialized Core Courses）：400学时(400 hours)， 25学分(25 Credits)

课程代码 Course Code	课程 名称Courses Name	总学时 Hours	学分 Credits	讲课学时 Lec.	实验 学时 Exp.	线上 学时 Com.	考核 方式 Assessment	开课 学期 Semester	备注 Notes
SS072225	Python程序设计 Python Program Design	32	2	16	16		考试 Exam	2	
	大数据安全与治理 Big Data Security and Governance	32	2	32			考试 Exam	4	
	大数据基础设施 Big Data Infrastructure	32	2	32			考试 Exam	4	
SR073221	数据挖掘与商务智能A Data Mining and Business Intelligence A	48	3	32	16		考试 Exam	4	
	矿业金融大数据分析 Big Data Analysis of Mining Finance	32	2	16	16		考查 Term Paper	5	
	大数据系统设计与开发 Big Data System Design and Development	48	3	32	16		考试 Exam	5	
	地理信息系统 Geographic Information System	32	2	16	16		考试 Exam	5	
	最优化理论和方法 Optimization theory and method	32	2	24	8		考试 Exam	5	
	人工智能与机器学习 Artificial Intelligence and Macheine Learning	48	3	24	24		考查 Term Paper	6	
	数据资产评估与交易 Data Asset Valuation and Trading	32	2	16	16		考试 Exam	6	
	移动应用开发 Mobile Application Development	32	2		32		考查 Term Paper	6	
总计Total		400	25	240	160				

5、专业拓展课程（Specialized Development Courses）：八选三，80学时(80 hours)，5学分(5 Credits)

课程 代码 Course Code	课程 名称Courses Name	总学时 Hours	学分 Credits	讲课学 时 Lec.	实验 学时 Exp.	线上 学时 Com.	考核 方式 Assessment	开课 学期 Semester	备注 Notes
SR073162	信息经济学 Information Economics	32	2	32			考试 Exam	5	
	决策理论与方法 Decision theory and method	32	2	32			考试 Exam	5	
SS073227	低碳经济理论与实践 Theory and Practice of Low-carbon Economy	32	2	32			考查 Term Paper	5	
	遥感图像解译 Remote Sensing Image Interpretation	32	2	16	16		考查 Term paper	6	
SR073179	大数据下的市场营销决策 Marketing Decision Based on Big Data	32	2	14	18		考查 Term paper	6	
SS073224	计量经济学B Econometrics B	32	2	16	16		考试 Exam	6	
SR074182	计算社会科学组织管理 Computational Social Science in Organization and Management	16	1	10	6		考查 Term Paper	7	
	大数据管理与应用学科前沿 Discipline Frontiers	16	1	16			考查 Term Paper	7	必修
总计Total		224	14	168	56				

6、课程实践（Course Practice）：29周+32学时（29 weeks and 32 hours），24学分(24 Credits)

课程代码 Course Code	课程名称 Courses Name	周数（学时） Week（hour）	学分Credits	考核方式 Assessment	开课学期 Semester	备注Notes
PR311003	军事技能训练 Military Skills Training	2周	2	考查 Term Paper	1夏	
PR181010	思想政治社会实践 Political Social Practice	32	2	考查 Term Paper	3	
PR072126	教学实习 Teaching Practice	4周	4	考查 Term Paper	2夏	
PR073127	专业实习 Professional Practice	6周	6	考查 Term Paper	3夏	
	Python数据采集和分析实训 Data collection and analysis by Python	1周	1	考查 Term Paper	3	
	自然资源大数据挖掘与可视化实训 Nature Resources Big Data Mining and Visualization	1周	1	考查 Term Paper	4	
	矿业金融大数据综合实训 Mining Finance Big Data Training	1周	1	考查 Term Paper	5	
	大数据管理与应用综合实训(科研课堂) Big data Management and Application	2周	2	考查 Term Paper	6	
PR074128	毕业论文 Graduate Thesis	12周	5	考查 Term Paper	8	
总计Total		29周+32学时	24			

7、课外实践（Extracurricular practice）6学分(6 Credits)

包括主题教育活动、社会实践、志愿服务、勤工助学、学科竞赛、文体活动、创新创业活动、劳动实践等，其学分的认定按照教务处相关规定执行。

Extracurricular practice include Theme Education, Social Practice, Volunteer Service, Work-study Program, Discipline Competition, Cultural and Sports Activities, Innovative and Entrepreneurial Activities, Labor Practice and so on. The recognition of the credits for innovation and entrepreneurship shall be implemented according to the regulations of Academic Affairs Office.

经济学资源勘查工程双学位专业培养方案

一、专业培养目标

为了积极适应社会对“厚基础、宽口径、高素质”复合型人才日益增长的需求，本项目主要面向保障国家战略资源供应安全的重大需求，适应中国经济高质量发展的需要，以应用经济学和资源勘查工程学为学科支撑，立足应用经济学学科知识体系，结合中国地质大学的资源勘查工程学优势学科，将人文素质和科学素质教育，与资源环境经济、资源勘查工程学两大特色相结合，培养具有扎实的经济学与资源勘查工程学的基础知识和基础理论，掌握现代经济学与资源勘查工程学基本方法，具有国际视野的综合素质高、创新能力强的复合型人才，使学生能够胜任在政府机关单位、政策研究部门、金融机构及矿业企业等相关工作。

二、毕业要求

毕业生应获得以下几个方面的知识和能力：

（1）掌握经济学、资源勘查工程学的基础理论、专门知识和基本技能。①具有扎实的应用经济学专业基础知识和基本理论，能够针对资源环境领域的经济问题进行调查研究、设计方案、构建模型、实证检验；②掌握矿产勘查的基本理论、技能和工作方法，与固体矿产资源有关的测试方法与分析技术、勘查技术和基本地质规范，以及勘查过程数字可视化技术。

（2）具备综合运用经济学、资源勘查工程学的理论知识和分析方法，解决资源环境经济、矿业投融资等领域现实问题的能力，能够从事科学研究工作或担负专门技术工作。①具有从事可持续发展理论与战略研究、资源环境经济发展分析、资源环境承载力评价、资源与环境价值评估、环境与资源政策经济分析、生态环境和经济社会系统综合分析等工作的能力；②具有对矿产地质、矿产形成分布规律等进行研究和综合分析，对地质、地球化学、地球物理等现代勘查方法的信息进行采集、处理、成果解释和应用，以及矿产资源综合评价和经济分析的能力；③具有应用经济学和金融学的理论和方法，指导地质矿产产业投资、融资、建设、管理和运营的能力。

（3）了解经济学与资源勘查工程学的理论前沿与发展动态。

三、主干学科

应用经济学，地质资源与地质工程。

四、学制与学位

学制四年。学生修满规定的最低毕业学分，达到毕业要求后，授予经济学和工学双学士学位。

五、核心课程

专业核心课程：政治经济学、微观经济学、宏观经济学、金融学、保险学、财政学、计量经济学、经济史、矿产品国际贸易、资源环境经济学、国际金融管理、矿床学、矿石学与矿相学、矿产勘查学、勘查地球化学、遥感地质学等。

特色的实践性教学环节：计量经济学实验、证券投资实务、北戴河地质认识实习、周口店教学实习、矿产勘查学综合设计、矿山基地资源勘查工程综合训练、专业实习、毕业论文等。

六、最低毕业总学分要求及学分分配 (Minimum Required Credits and Distribution)

课程模块 Course module	课程类别 Course Classification	学时数 Hours	学分 Credits	学 期 Semester										
				1	2	1 夏	3	4	2 夏	5	6	3 夏	7	8
通识教育 Liberal Education	通识教育必修课程 Required Courses of General Education	730	40	11.25	13.25	1	4.25	5.25		3.25	1.25		0.25	0.25
	通识教育选修课程 Selective Courses of General Education	192	12											
专业教育 Professional Education	学科基础课程 Disciplinary Fundamental Courses	1144	71.5	9	16		28	15.5		3				
	专业核心课程 Specialized Fundamental Courses	448	28				2			14	11		1	
	专业拓展课程 Specialized Development	320	11											
实践教育 Practical Education	课程实践 Course Practice	24 周 +64 学时	21			2		1	4		3	6		5
	课外实践 Extracurricular practice		6											
必修课总学分 Required course credits				160.5										
选修课总学分 Elective course credits				29										
最低毕业总学分 Total Credits				189.5										

七、课程设置 (Curriculum)

1、通识教育必修课程 (Required Courses of General Education): 730 学时 (730 Hours), 40 学分 (40 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
GR181009	思想道德与法治 Ideological Morality and Rule of Law	48	3	40	8		考试 Exam	1	
GR181008	中国近现代史纲要 Essentials of Modern Chinese History	48	3	40	8		考试 Exam	2	
GR182014	马克思主义基本原理 Fundamental Principles of Marxism	48	3	40	8		考试 Exam	3	
GR183004	毛泽东思想和中国特色社会主义理论体系概论 Introduction to Mao Zedong Thoughts and Theoretical System of the Chinese Characteristic Socialism	64	4	48	16		考试 Exam	4	
GR181012	习近平新时代中国特色社会主义思想概论 Introduction to Xi Jinping Thoughts on Socialism with Chinese Characteristics in the New Era	32	2	28	4		考试 Exam	5	
GR181013	形势与政策 (1) Situation and Policy(1)	4	0.25	4			考查 Term Paper	1	
GR181014	形势与政策 (2) Situation and Policy(2)	4	0.25	4			考查 Term Paper	2	
GR181015	形势与政策 (3) Situation and Policy(3)	4	0.25	4			考查 Term Paper	3	
GR181016	形势与政策 (4) Situation and Policy(4)	4	0.25	4			考查 Term Paper	4	
GR181017	形势与政策 (5) Situation and Policy(5)	4	0.25	4			考查 Term Paper	5	
GR181018	形势与政策 (6) Situation and Policy(6)	4	0.25	4			考查 Term Paper	6	
GR181019	形势与政策 (7) Situation and Policy(7)	4	0.25	4			考查 Term Paper	7	
GR181020	形势与政策 (8) Situation and Policy(8)	4	0.25	4			考查 Term Paper	8	
GR301004	大学生职业生涯规划与就业指导 (1) Career Planning and Employment Guidance for University Students (1)	20	1	16	4		考试 Exam	2	

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
GR303005	大学生职业生涯规划与就业指导（2） Career Planning and Employment Guidance for University Students (2)	18	1	12	6		考试 Exam	6	
GR301005	大学生心理素质教育（1） Mental Health (1)	16	1	16			考查 Term Paper	1	
GR303005	大学生心理素质教育（2） Mental Health (2)	16	1	16			考查 Term Paper	5	
GR302008	军事理论 Military Theory	36	1	36			考试 Exam	1	
GR081071	大学英语（1） College English (1)	64	4	64			考试 Exam	1	
GR081072	大学英语（2） College English (2)	32	2	32			考试 Exam	2	
GR081067	大学英语素质拓展课 Competence-oriented Education for College English	32	2	32			考试 Exam	2	
GR141005	体育（1）（系列课程） Physical Education (1)	32	1		32		考试 Exam	1	
GR141006	体育（2）（系列课程） Physical Education (2)	32	1		32		考试 Exam	2	
GR142007	体育（3）（系列课程） Physical Education (3)	32	1		32		考试 Exam	3	
GR142008	体育（4）（系列课程） Physical Education (4)	32	1		32		考试 Exam	4	
GR041001	大学计算机 College Computer	32	2	16	16		考试 Exam	1	
GR041002	计算机语言程序设计 Computer Language Programming	64	4	32	32		考试 Exam	2	
总计 Total		730	40	492	222	16			

2、通识教育选修 (Selective Courses of General Education): 192 学时 (192Hours), 12 学分 (12 Credits)

序号 No.	课程类别 Courses Classification	学分 Credits	考核方式 Assessment	开课学期 Semester	备注 Notes
1	人文社科类 (含在线课程) Humanities and Social Sciences Courses (Inc. Online courses)	7	考查 Term Paper	2-8	4 个类别中选修7 个学分, 其中, 《大学生安全教育》(1 学分) 必选。
2	自然科学类 (含在线课程) Natural Science Courses (Inc. Online Courses)		考查 Term Paper	2-8	
3	自然文化类 Natural Culture Courses		考查 Term Paper	2-8	
4	体育与健康类 Sports and Health Courses		考查 Term Paper	5-8	
5	创新创业教育类 (含在线课程) Innovation and Entrepreneurship Courses (Inc. Online Courses)	3	考查 Term Paper	2-8	选修 3 个学分, 其中《新生研讨课》(1 学分) 必选。
6	审美与艺术类 Aesthetics and Art Courses	2	考查 Term Paper	2-4	
总计 Total		12			

3、学科基础课程 (Disciplinary Fundamental Courses): 1144 学时 (800 Hours), 71.5学分 (71.5 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
DR191001	高等数学 A (1) Advanced Mathematics A (1)	96	6	96			考试 Exam	1	
DR191002	高等数学 A (2) Advanced Mathematics A (2)	96	6	96			考试 Exam	2	
DR192005	线性代数 Linear Algebra	32	2	32			考试 Exam	3	
DR192006	概率论与数理统计 Probability and Mathematics Statistic	48	3	48			考试 Exam	3	
DR191008	大学物理 (1) College Physics (1)	48	3	48			考试 Exam	2	
DR192009	大学物理 (2) College Physics (2)	48	3	48			考试 Exam	3	
DR191010	大学化学 College Chemistry	48	3	48			考试 Exam	1	
DR192017	物理化学B Physical Chemistry B	48	3	48			考试 Exam	3	
DR011036	地球科学概论 Geosciences	64	4	32	32		考试 Exam	2	
DR012062	结晶学与矿物学 Crystallography and Mineralogy	80	5	40	40		考试 Exam	3	
DR012070	岩石学 Petrology	88	5.5	44	44		考试 Exam	4	
DR012037	构造地质学 Structural Geology	64	4	32	32		考试 Exam	4	
DR071164	会计学 Accounting	48	3	32			考试 Exam	2	
DR072058	统计学 A Statistics A	48	3	36	12		考试 Exam	3	
DR072059	微观经济学 Microeconomics	48	3	48			考试 Exam	3	
DR072152	政治经济学 Political Economics	48	3	48			考试 Exam	3	

DR072060	宏观经济学 Macroeconomics	48	3	48			考试 Exam	4	
DR072202	金融学 A Finance A	48	3	48			考试 Exam	3	
DR072062	财政学 Public Finance	48	3	44	4		考试 Exam	4	
DR073063	计量经济学 A Econometrics A	48	3	40	8		考试 Exam	5	
总计 Total		1144	71.5	956	172				

4、专业核心课程 (Specialized Core Courses): 448 学时 (448 Hours), 28学分 (28 Credits)

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
SR072177	矿产品国际贸易 International Trade of Mineral Products	32	2	32			考试 Exam	3	必修
SR073075	资源环境经济学 Resources and Environmental Economics	32	2	26	6		考试 Exam	5	必修
SR073189	经济史 Economic History	32	2	32			考试 Exam	5	必修
SR073202	国际金融管理 International Finance Management	32	2	32			考试 Exam	6	必修 双语教学
SR073076	保险学 Insurance	32	2	32			考试 Exam	6	必修
	矿床学 Ore Deposit Geology	64	4	44	20		考试 Exam	5	必修
	遥感地质学 Remote Sensing Geology	48	3	24	24		考试 Exam	5	必修
	勘查地球化学 Exploration Geochemistry	32	2	24	8		考试 Exam	6	必修
	矿石学与矿相学 Ore Petrology and Microscopy	48	3	16	32		考试 Exam	5	必修
	矿产勘查学 Mineral Prospecting and Exploration	48	3	36	12		考试 Exam	6	必修
	矿产经济与管理 Mineral Resources Economics & Management	32	2	26	6		考查 Term Paper	6	必修
	环境法与矿产资源法 Laws of Environment and Mineral Resources	16	1	16			考试 Exam	7	
总计 Total		448	28	340	108				

5、专业拓展课程 (Specialized Development Courses): 320 学时 (320 Hours) , 20 学分 (20 Credits) , 学生选修 6 门, 11 学分

课程代码 Course Code	课程名称 Course Name	总学时 Hours	学分 Credits	讲课学时 Lecture	实验学时 Experiment	线上学时 Online	考核方式 Assessment	开课学期 Semester	备注 Notes
DR072064	博弈论与信息经济学 Game Theory and Information Economics	32	2	32			考试 Exam	3	选修
SR072066	证券投资理论与实务 Securities Investment	32	2	32			考试 Exam	3	选修
SR072193	投资与理财 Investment and Finance	32	2	32			考试 Exam	4	选修
SR073069	能源经济学 Energy Economics	32	2	32			考试 Exam	5	选修
SS073204	产业经济学 Industrial Economics	32	2	28	4		考试 Exam	5	选修
SR073195	区域经济学 Regional Economics	32	2	32			考试 Exam	6	选修
SS070096	学科前沿课 - 生态经济前沿 Discipline Frontiers-Frontier of Ecological Economy	16	1	16			考查 Term Paper	5	必选 (二选一)
	学科前沿课 - 资源勘查前沿 Discipline Frontiers-Frontier of Resources Prospecting	16	1	16			考查 Term Paper	5	
	地球化学 (含有机地化) Geochemistry (Inc. organic geochemistry)	48	3	24	24		考试 Exam	5	选修
	采矿与选矿概论 Introduction to mining and mineral processing	16	1	16			考试 Exam	7	选修
	勘查地球物理方法及应用	32	2	16	16		考试 Exam	6	选修
总计 Total		320	20	276	44				

6、课程实践 (Course Practice): 24 周 +64 学时 (24 weeks and 64 hours), 21学分 (21 Credits)

课程代码 Course Code	课程名称 Course Name	周数 (学时) Week(hour)	学分 Credits	考核方式 Assessment	开课学期 Semester	备注 Notes
PR31101	军事理论及训练 Military Theory and Practice	2 周	2	考查 Term Paper	1	
PR181010	思想政治社会实践 Political Social Practice	32	2	考试 Exam.	1夏	
PR073205	计量经济学实验 Econometric Experiment	16	1	考试 Exam.	6	
PR072196	证券投资实务 Securities Investment Practice	16	1	考试 Exam.	4	
	矿产勘查学课程设计 Practice Course of Minerals Prospecting and Exploration	2周	2	考查 Term Paper	6	
	矿山基地资源勘查工程综合训练 Comprehensive Training on Resource Exploration Engineering in Mine Base	2周	2	考查 Term Paper	6夏	
	北戴河地质认识实习 Geological Survey Field Trip in Beidaihe	3周	3	考查 Term Paper	2夏	
	周口店地质教学实习 Geological Survey Field Trip in Zhoukoudian	3周	3	考查 Term Paper	4夏	
PR074081	毕业论文 Graduation Thesis	12 周	5	考查 Term Paper	8	二选一
	毕业设计 BS Thesis	12 周	5	考查 Term Paper	8	
总计 Total		24周 +64 学时	21			

7、课外实践 (Extracurricular practice): 6 学分 (6 Credits)

包括主题教育活动、社会实践、志愿服务、勤工助学、学科竞赛、文体活动、创新创业活动、劳动实践等，其学分的认定按照教务处相关规定 执行。

Extracurricular practice include Theme Education, Social Practice, Volunteer Service, Work-study Program, Discipline Competition, Cultural and Sports Activities, Innovative and Entrepreneurial Activities, Labor Practice and so on. The recognition of the credits for extracurricular practice shall be implemented according to the regulations of Academic Affairs Office.